DECLARATION

I declare under penalty of perjury that I am authorized to respond to the U.S. EPA CERCLA SECTION 104(e) INFORMATION REQUEST on behalf of Respondent, CENVEO CORPORATION, and that the foregoing is complete, true and correct to the best of my knowledge and information.

Executed on August 29, 2011.

By:

Pete Popovics

Vice-President, Safety and Environmental Affairs

One Canterbury Green

201 Broad Street, 6th Floor

Stamford, CT 06901

203.595.3000 (T)

203.595.3074 (F)



September 9, 2011

Via Federal Express

Ms. Kristine Koch Remedial Project Manager United States Environmental Protection Agency, Region 10 Office of Environmental Cleanup, Mail Code ECL-115 1200 Sixth Avenue, Suite 900 Seattle, WA 98101-3140

> Cenveo Corporation's Second Supplemental Response to U.S. EPA's Re:

104(e) Request for the Portland Harbor Superfund Site

Dear Ms. Koch:

Enclosed please find a CD containing Cenveo Corporation's ("Cenveo") Second Supplemental Response ("Second Supplemental Response") to U.S. EPA's 104(e) Request ("Request") for the Portland Harbor Superfund Site. A copy of Cenveo's Declaration is included on the CD, as is a copy of this cover letter. The original Declaration accompanies this cover letter.

Cenveo's Second Supplemental Response is made up of only Exhibit 65, which is an environmental assessment for the 2187 NW Reed Street facility, and is generally responsive to EPA's 104(e) - Question 15. Cenveo believes that the assessment was performed as part of Cenveo's due diligence at or near the time that Cenveo first began to utilize the NW Reed Street facility in 1998. This environmental assessment had been filed incorrectly, and was discovered by Cenveo during a document review for another matter. Cenveo is not amending its previous responses to EPA's 104(e) request in any other manner.

Very truly yours,

Steve N. Siegel

Counsel to Cenveo Corporation

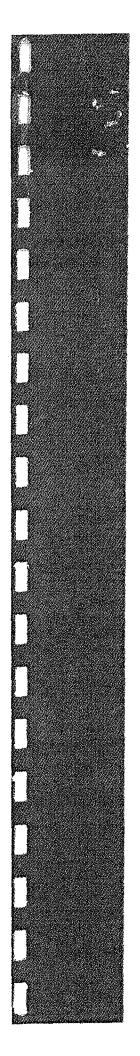
M. Seesel

SNS

Enclosures

Pete Popovics (CD only) CC:

Marcia E. Berry, Esq. (CD only)





PHASE I ENVIRONMENTAL SITE ASSESSMENT OF HICKS CHATTEN (Flexopres) 2187 NW REED PORTLAND, OREGON FOR MAIL-WELL

PROJECT NO. 62230.0660 January 1998

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1.0 FOREWORD

At the request of Mail-Well, ATC Associates Inc. (ATC) performed a Phase I Environmental Site Assessment (ESA) of Hicks Chatten located at 2187 NW Reed in Portland, Oregon. The facility is owned by Mr. Clyde Thornberg and leased by Hicks Chatten since July of 1994. The assessment was conducted on January 27, 1998, by Ms. Erica Schoedel of ATC. Ms. Schoedel was escorted during the subject property visit by Mr. Scott Benjamin of Hicks Chatten. The ESA included public environmental agency and historical records review, site interviews, visual observations, and report preparation. The scope of the ESA was consistent with the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments (E 1527-97). This report includes ATC's findings, conclusions, recommendations and supporting documentation.

2.0 SUMMARY

At the request of Mail-Well, ATC performed an ESA of Hicks Chatten located at 2187 NW Reed in Portland, Oregon. The property is owned by Mr. Clyde Thornberg and leased by Hicks Chatten. The site consists of one one-story building, totaling 18,000 square feet situated on 40,000 square feet of property. The structure was constructed in 1947. The property was reportedly previously occupied by Standard Brands, a food warehouse, according to Mr. Clyde Thornberg, the owner of the property. Sanborn Fire Insurance Maps indicated the property was occupied by a lumber yard and residential properties prior to 1946.

The objective of the ESA was to provide an evaluation of the presence, use or release on the subject property of hazardous substances or petroleum products such as is defined in ASTM E 1527-97 as a recognized environmental condition. The ESA included a review of environmental agency databases, previous reports and historical documents; visual observation of the subject property and neighboring properties; and interviews with property representatives and government agencies. Following is a summary of the findings and conclusions for the ESA.

- The site is listed as a RCRIS Conditionally Exempt Small Quantity Generator (LQG). The facility is listed as having violations. According to interviews the facility does not have violations.
- Due to the age of the building, the potential for on-site building materials to contain asbestos exists.
- Interviews indicated heating oil and a non-operational heating oil UST are located on site.

3.0 SITE DESCRIPTION

The subject property is located at 2187 NW Reed in Portland, Oregon. The property consists of one one-story building totaling 18,000 square feet situated on 40,000 square feet. The subject property is utilized as a plate making operation.

Hicks Chatten is the sole tenant. The office area ceiling is approximately nine feet in height while the ceiling is approximately twenty feet in height where the plate making operations are located. Ceiling tile, floor tile, dry wall, tape and mud were noted throughout the building.

Florescent light fixtures are located throughout the building. Given the date of construction, these fixtures have the potential to contain PCBs.

All chemicals are stored in proper, well-marked containers. Containers appeared to be in good shape with no signs of leakage.

Optisol from the polymer plate making equipment is picked up by DuPont on a regular basis. The City of Portland is the contractor for general trash and solid waste.

The property is bordered to the north and east by a power substation, to the west by a commercial area, and to the south by a commercial area.

Heating and air conditioning is supplied to the structure by roof-mounted units.

Electricity is supplied to the site by Portland Gas and Electric and Northwest Natural Gas provides natural gas service to the subject property. Water and sewer service is provided by Portland Water Works.

The subject property is approximately 85 feet above mean sea level (MSL) with a relatively level topography. Surface water appears to flow to the west.

4.0 RECORDS REVIEW

The following databases were provided by EDR E-Data Resources, Inc. of Southport, Connecticut and were reviewed for information regarding the release of regulated hazardous substances and petroleum products on, or near, the subject property:

Federal National Priorities Listing (NPL) - Environmental Protection Agency Superfund List

The NPL is a subset of the CERCLIS and lists over 1,200 sites that are ranked as high priority for cleanup under the Superfund program. No NPL sites were listed. Source: NPL database updated September, 1997.

USEPA - Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) List

The CERCLIS list is a compilation of known and suspected uncontrolled or abandoned hazardous waste sites that are, or were, under investigation by USEPA but have not been elevated to the status of a Superfund (NPL) site. No CERCLIS facilities were listed. Source: CERCLIS database updated August, 1997.

Resource Conservation and Recovery Information System (RCRIS)

The EPA's RCRIS tracks those sites/facilities that transport, store, and dispose of hazardous materials as defined by Resource Conservation and Recovery Act (RCRA), a program that identifies and tracks hazardous wastes from the point of generation to the point of disposal. The RCRIS Database also tracks large and small quantity generators of hazardous waste. The RCRA action database (CORRACTS) that maintains records of enforcement actions issued under RCRA for major violators is included in the RCRIS report. The site was listed as a conditionally exempt small quantity generator (SQG) with violations which have been rectified. Seven other SQGs and two LQGs were listed within the search radius. One of the facilities, GAC, was reported as having two violations. The facility is currently listed as being in compliance, as such, this facility is of minimal concern to the site property at this time.

Emergency Response Notification System (ERNS) Database

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil and hazardous substances. The subject property was not listed on the ERNS Database. Source: ERNS Database updated March 1997.

Solid Waste Facilities/Landfills

A search of the State Solid Waste Facility/Landfill Database for the area revealed that no located landfills are currently located within one mile of the subject properties. Source: SWF/L Database updated September 1997.

State Hazardous Waste Sites (SHWS)

A search of the State of Oregon Hazardous Waste Sites Database for the area listed twenty-two facilities. The nearest facility, Zehrung Corporation, is located approximately one-eight mile north-northwest of the site. Contamination consisted of pentachlorophenol. Records in the EDR report indicate that the state considers remediation to have been complete. The second facility, Consolidated Freightways, is located over one-quarter mile southwest of the site and consists of trichloroethane and hydrocarbon contamination which has occurred over time. The remaining twenty facilities are located over one-half mile from the site. As such, the remaining facilities are not an immediate concern. Source: SHWS Database updated September, 1997.

STATE Leaking Underground Storage Tank List/Registered Underground Storage Tank List

A database review for the subject property and facilities within a one-quarter mile radius identified fifteen UST facilities and 56 LUSTs located within a one-half mile radius of the property. The facility was not listed as a UST facility. Mr. Benjamin indicated that a fuel oil and gasoline USTs were located on site. The USTs are not registered. Thirty-two of the LUSTs are located over one-quarter mile from the site. the property. Of the twenty-four that are located within one-quarter mile of the site only six are active. The facilities are situated in either cross-gradient or downgradient locations. As such, these facilities are not an immediate concern. Source: Registered UST and LUST Databases updated July and October 1997.

Orphan Database

A review of the Orphan Database indicated seventeen additional facilities were located within a one mile radius of the site. Eight of the facilities were landfills, five were hazardous waste sites, two were RCRA generators, and one was a UST/FINDS site. ATC reviewed the site address information for these five sites and determined they do not appear to be located in the site vicinity (see Appendix F).

County Environmental Health Department

ATC contacted the Multnomah County Health Department for information regarding the site. To date, their response has not been received. ATC will forward these results upon receipt.

City Fire Department

ATC contacted the City of Portland Fire Department, regarding knowledge of environmental incidents on the subject property or surrounding properties. According to a representative of the Portland Fire Department, turnaround time for processing a request for information is a minimum of ten work days and a fee of fifty dollars. Based upon the time frame of this project a request was not submitted.

County Department of Planing and Zoning

ATC spoke with the Portland Zoning Department. They indicated that the subject property and surrounding area is zoned industrial, which is appropriate for current usage.

City Water & Sewer Departments

ATC spoke with Mr. Scott Benjamin who confirmed that water and sewer services are provided by Portland.

Aerial Photographs

Historical aerial photographs dating back to 1956 indicated the site and surrounding area primarily as it was today.

Ownership History

ATC interviewed Mr. Scott Benjamin with Hicks Chatten regarding historical ownership information on the subject property. Representatives indicated the property is owned by Mr. Clyde Thornberg and has been leased by Rono Graphics since the building was constructed in 1947.

Land Use Records

ATC interviewed representatives regarding historical land use information for the property. According to Sanborn Fire Insurance maps the property was occupied by a lumber yard and residential property prior to construction of the on-site building. A service station and restaurant were located north of the site in the 1950 and 1969 map.

U.S.G.S. Topographic Maps

ATC reviewed available area topographic maps for historical ownership information on the subject property. The maps depict no prior use of the property or adjacent properties except as already discussed.

Previous Environmental Reports

Previous environmental reports were not provided by Mail-Well.

Physical Setting Sources

U.S. Geological Survey (USGS), Portland, Oregon 15 Minute Quadrangle Map (See Topographic Map Appendix D). The review of this source did not indicate potential environmental concerns.

5.0 SITE RECONNAISSANCE AND INTERVIEWS

Hazardous Substances in Connection with Identified Uses, Hazardous Substance and Unidentified Containers

All chemicals are stored in proper, well-marked containers. Containers appeared to be in good shape with no signs of leakage. The city of Portland is the waste contractor for general trash and solid waste. No evidence of leaking, spilling or staining was observed. Chemical storage and handling practices are not a concern on the subject property.

Permits

The facility also has a hazardous waste generator permit through the USEPA. No violations were found.

Storage Tanks

A heating oil UST and a gasoline UST are located on site. Records indicated the tanks are not registered.

Indications of Asbestos

Ceiling tile, dry wall, TSI, tape, and mud were noted throughout the building. Given the age of construction these materials may contain asbestos. However, this cannot be determined without sampling and analysis, which was beyond the scope of work for this assessment.

Indications of PCBs

Prior to 1976, polychlorinated biphenyls (PCBs) were commonly used in di-electric fluids in transformers, capacitors and light ballasts due to their desirable thermal characteristics. In 1976, PCBs were demonstrated to be highly toxic. Due to PCBs' persistence in the environment, their manufacture was discontinued in the United States. The installation of PCB transformers was banned in 1979.

Pole-mounted transformers were observed on the southern property boundary. A label on the outside of the transformers indicated the transformers had been tested and the transformers did not contain PCBs.

Fluorescent light fixtures were observed throughout the building. Due to the location of the ballasts within the light fixtures, the ballasts were not inspected with regard to PCBs. Considering the building's date of construction, it is possible the light ballasts contain PCBs.

Indications of Lead

Considering the building's date of construction, there is potential for lead-based painted surfaces. ATC did not observe damage to painted surfaces on the property.

Physical Setting Analysis

The subject property is approximately feet 85 feet above MSL. According to the EDR report the site is not located within the 100 or 500-year flood plain. Topography slopes to the northeast toward the Willamette River.

The site is underlain by sand, silt and clay fills with small amounts of gravel and debris. Underlying the fill material is fine-grained to sand sized periglacial deposits from the glacial outburst floods of Glacial

Lake Missoula. These deposits are characterized by fine sand, silt, and clay to horizontally stratified very coarse to fine sand. Thickness of the deposits vary from 50 to 100 feet. Poorly consolidated sands and gravely sands of the Troutdale Formation lie beneath the flood deposits. Underlying the Troutdale Formation are approximately 200 feet of siltstone, sandstone, and mudstone of the Sandy River Mudstone. Basalt lava flows of the Columbia River Basalt Group are at depth.

Other Issues

ATC did not observe any evidence of cesspools, stressed vegetation, wetlands or stained soil at the subject property at the time of the visit.

6.0 FINDINGS AND CONCLUSIONS

ATC has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E 1527-97 of the subject property located at 2187 NW Reed, Portland, Oregon. Any exceptions to, or deletions from, the Standard Practice are described in the corresponding sections of this report. This assessment has revealed evidence of potential environmental conditions in connection with the subject property.

The site building was constructed in 1947 and is currently occupied by a plate making facility. Prior to 1994 the building was occupied by a food warehouse. Prior to the construction of the on-site building the property was occupied by a lumber yard and a residential development. The environmental database indicated the site is listed as a Conditionally Exempt RCRA SQG. Interviews indicated the facility has a non-operative heating oil UST and a gasoline UST. Records indicated the tanks are not registered with the Oregon Department of Environmental Quality.

In addition, based upon the age of the structures, it is possible that the building materials contain asbestos.

7.0 RECOMMENDATIONS

Considering information collected from the property investigation, record reviews, interviews and site reconnaissance, this assessment has revealed potential environmental conditions in connection with the historic use of the subject property.

It is recommended that sampling for asbestos containing materials be conducted prior to any major renovation or demolition . Furthermore, it is recommended that light ballasts be inspected during the course of routine maintenance and that PCB containing ballasts be replaced with non-PCB containing ballasts.

It is also recommended that the owner of the property remove the non-operational gasoline and heating oil USTs.

APPENDIX A SIGNATURE PAGE

Below are the names and signatures of the key personnel who conducted Phase I ESA and/or prepared and reviewed this report.

PROJECT MANAGER	Erica Schoedel, Project Manager	dil
REVIEWER	Steven Kitzke, Branch Manager	1600

APPENDIX B METHODOLOGY

PHASE I ENVIRONMENTAL SITE ASSESSMENT METHODOLOGY

ATC has prepared this Environmental Site Assessment (ESA) report in accordance to the standards set forth in the ASTM Standard Practice E 1527-94.

ATC used trained environmental professionals to conduct the ESA as stated in Section 6.0 of the ASTM Standard Practice to identify, to the extent feasible, recognized environmental conditions in connection with the subject property. The ESA consisted of four components:

- Records Review
- Site Reconnaissance
- Interviews
- Report Preparation

Records Review

A review of federal, state, and local records was conducted by ATC. A complete listing of the types of records required to be reviewed may be found in this report and Section 7.0 of the ASTM Standard Practice.

Site Reconnaissance

ATC visually and physically observed the subject property and any related structures located on the property to obtain information on recognized environmental conditions including, but not limited to, the presence or likely presence of stored materials, process materials and wastes, site waste containment or deposits, materials used in construction, evidence of underground and/or above ground storage tanks, stressed vegetation, wetlands and PCB-containing equipment.

Interviews

Interviews were conducted with the property owner's representative, and regulatory agency employees as available and appropriate in an attempt to obtain information about uses, conditions and compliance status of the subject property and adjacent properties.

Environmental Sampling

No sampling was completed at the subject property during this ESA.

Report Preparation

Upon completion of the above scope of work, ATC prepared this report to present the findings, conclusions and recommendations for the ESA. Referenced documents and supporting information is included in the appendix to this report.

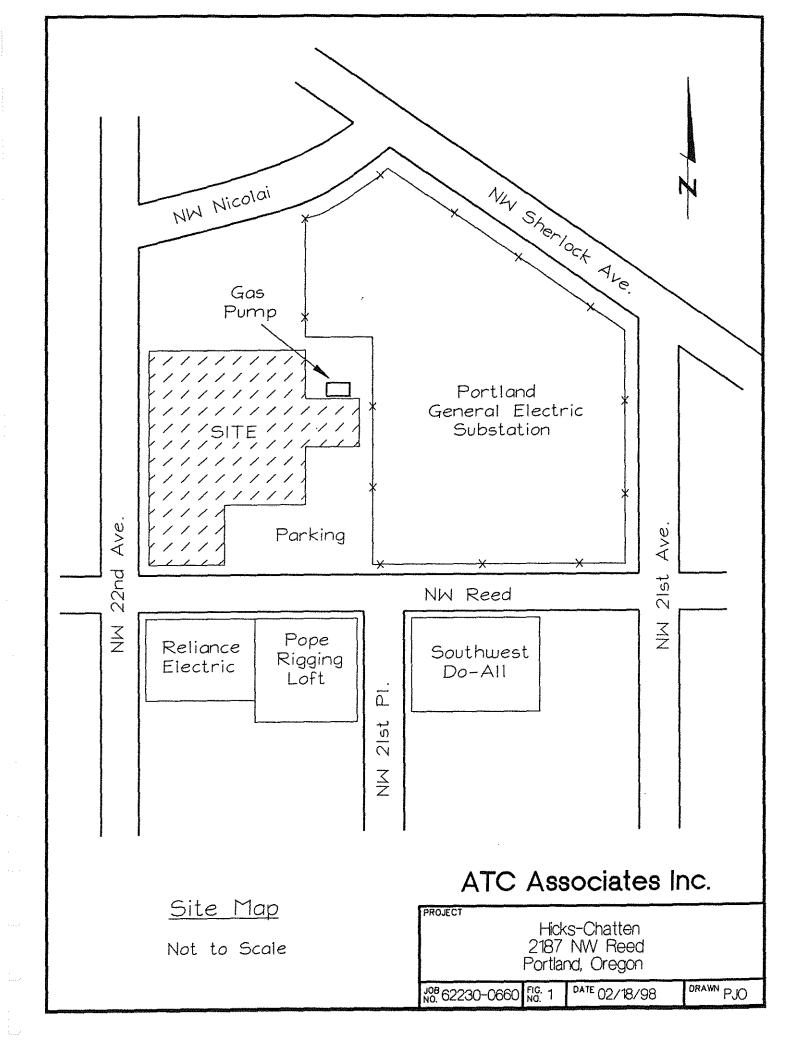
APPENDIX C LIMITATIONS

PHASE I ENVIRONMENTAL SITE ASSESSMENT LIMITATIONS

ATC has prepared this Phase I Environmental Site Assessment using reasonable efforts in each phase of its work to recognize environmental conditions associated with hazardous substances, wastes and petroleum products at the subject property. The performance of this Phase I Environmental Site Assessment was consistent with the ASTM standard practice for an environmental site assessment. Findings within this report are based on information collected from observations made on the day of the investigation and from reasonably ascertainable information obtained from governing public agencies and private sources. It is to noted that the east half of the subject building and offices associated with TCI were not available to inspect or view.

This report is not definitive and should not be assumed to be a complete or specific definition of the conditions above or below grade. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation or other construction purposes. ATC makes no representation or warranty that the past or current operations at the subject property are or have been in compliance with all applicable Federal, State, and local laws, regulations and codes.

APPENDIX D MAPS/PHOTOGRAPHS/PLANS



Hicks Chatten 2187 NW Reed Portland, Oregon



Photograph 1

Date: 1-27-98

Photographed By: E. Schoedel

Description: View of Pope Rigging Loft located across Reed Street.



Photograph 2

Date: 1-27-98

Photographed By: E. Schoedel

Description: Gas dispenser and empty drums located on site.

Hicks Chatten 2187 NW Reed Portland, Oregon

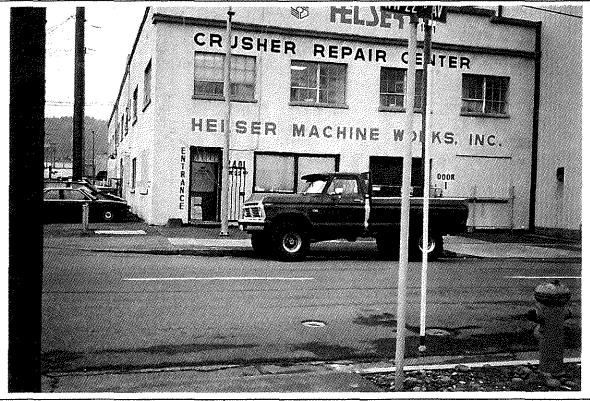


Photograph 5

Date: 1-27-98

Photographed By: E. Schoedel

Description: View of the entrance to the building.



Photograph 6

Date: 1-27-98

Photographed By: E. Schoedel

Description: View of machine shop located across

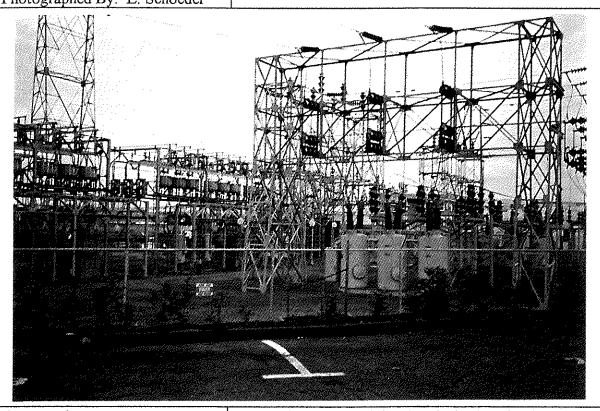
22nd Avenue.

Hicks Chatten 2187 NW Reed Portland, Oregon



Photograph 3
Date: 1-27-98
Photographed By: E. Schoedel

Description: View of "Optisol" containers awaiting collection.



Photograph 4

Date: 1-27-98

Photographed By: E. Schoedel

Description: View of the electrical substation located north and east of the site.

APPENDIX E HISTORICAL DOCUMENTATION

ATC Associates Inc. Project No. 62230-0660



EDR-Site ReportTM

TRADE LITHO INC 2187 NW REED ST PORTLAND, OR 97210

Inquiry Number:

February 9, 1998

The Source For Environmental Risk Management Data

3530 Post Road Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050 Fax: 1-800-231-6802 Internet: www.edrnet.com

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The EDR-Site ReportTM is a comprehensive presentation of government filings on a facility identified in a search of over 4 million government records from more than 600 federal, state and local environmental databases. The report is divided into three sections:

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer

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SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1 TRADE LITHO INC 2187 NW REED ST PORTLAND, OR 97210 EDD ID #M0195500
	EDR ID #1000185590 EPA #ORD982654535
WASTE MANAGEMENT Facility generates hazardous waste (RCRIS)	NO
Facility treats, stores, or disposes, of hazardous waste on-site (RCRIS/TSDF)	NO
Facility has received Notices of Violations (RCRIS/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility is not a Superfund Site but has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superlund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has enforcement actions under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	YES - p4
Facility is listed in a county/local unique database (LOCAL)	NO
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

MULTIMEDIA

Facility is listed in EPA's index system

DATABASE: Facility Index System (FINDS)

TRADE LITHO INC 2187 NW REED ST PORTLAND, OR 97210 EDR ID #1000185590

This site is listed in the Federal FINDS database. The FINDS database may contain references to records from government databases included elsewhere in the report. Please note: the FINDS database may also contain references to out of date records formerly associated with the site.

EPA-ID:

ORD982654535

EPA Region:

10

Federal Facility:

Unknown

Indian Land:

Unknown

Database Creation Date:

10/05/92

Created By:

HTR

Last Government Update:

05/29/96

Updated By:

O60

Duns Number:

009021502

Secondary Name:

Not reported

Sic Code:

Not Reported

EPA Records Indicate Facility Is Listed In:

FACILITY ACTIVE INDEX RECORD

Facility ID:

Not reported

EPA-ID:

ORD982654535

EPA Region: 10

Federal Facility:

No

Indian Land:

No HTR

Database Creation Date: Last Government Update: 10/05/92 11/30/95 Created By: Updated By:

R01

Duns Number:

009021502

Secondary Name:

Not reported

Sic Code:

2796

PLATEMAKING SERVICES (1987)

EPA Records Indicate Facility Is Listed In:

HAZARDOUS WASTE DATA MANAGEMENT SYSTEM (HWDMS) / RESOURCE CONSERVATION RECOVERY INFORMATION SYSTEM (RICRIS)

Facility ID:

ORD982654535

GOVERNING LEGISLATION:

THE RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) OF 1976, HAZARDOUS SOLID WASTE

AMENDMENTS (HSWA),

THIS LEGISLATION COVERS:

HAZARDOUS WASTE GENERATORS,

TRANSPORTERS, TREATMENT, STORAGE OR DISPOSAL FACILITIES (TSDFS).

IMPLEMENTING THE LEGISLATION IS THE RESPONSIBILITY OF EPA'S:

OFFICE OF SOLID WASTE

EPA-ID:

ORD982654535

EPA Region:

10

Federal Facility:

Unknown

Indian Land:

Unknown

Database Creation Date:

10/05/92

Created By:

HTR

SECTION 2: FACILITY DETAIL REPORTS

...Continued...

Last Government Update:

05/18/96

Updated By:

Not reported

Duns Number: Secondary Name:

FLEXOPREP

Sic Code:

PLATEMAKING SERVICES (1987)

EPA Records Indicate Facility Is Listed In:

FACILITY ACTIVE D&B RECORD

R60

Facility ID:

009021502

GOVERNING LEGISLATION:

N/A

THIS LEGISLATION COVERS:

N/A

IMPLEMENTING THE LEGISLATION IS THE RESPONSIBILITY OF EPA'S:

N/A

APPENDIX F REGULATORY DATABASE DOCUMENTATION



The EDR-Radius Map with GeoCheckTM

Rono Graphics/Hicks Chatten 2187 NW Reed/535 NW 16th Portland, OR 97206

Inquiry Number: 1224259.1p

January 23, 1998

The Source For Environmental Risk Management Data

3530 Post Road Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050 Fax: 1-800-231-6802 Internet: www.edrnet.com

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Please contact EDR at 1-800-352-0050 with any questions or comments.

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A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-97. Search distances are per ASTM standard or custom distances requested by the user.

The address of the subject property for which the search was intended is:

2187 NW REED PORTLAND, OR 97206

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the subject property or within the ASTM E 1527-97 search radius around the subject property for the following Databases:

NPL:	National Priority List
Delisted NPL:	
	Resource Conservation and Recovery Information System
	Comprehensive Environmental Response, Compensation, and Liability Information
	System
CERC-NFRAP:	Comprehensive Environmental Response, Compensation, and Liability Information
	System
CORRACTS:	
	_ Closure & Regular Solid Waste Active Disposal Permits
	RCRA Administrative Action Tracking System
HMIRS:	Hazardous Materials Information Reporting System
	PCB Activity Database System
ERNS:	_ Emergency Response Notification System
FINDS:	
TRIS:	Toxic Chemical Release Inventory System
NPL Lien:	L NPL Liens
	Toxic Substances Control Act
MLTS:	Material Licensing Tracking System
ROD:	
CONSENT:	Superfund (CERCLA) Consent Decrees
OR HAZMAT:	
OR SPILLS:	
OR CRL:	
OR VCS:	_ Voluntary Cleanup Program Sites

Unmapped (orphan) sites are not considered in the foregoing analysis.

Search Results:

Search results for the subject property and the search radius, are listed below:

Subject Property:

The subject property was not listed in any of the databases searched by EDR.

Surrounding Properties:

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the subject property includes a tolerance of -10 feet. Sites with an elevation equal to or higher than the subject property have been differentiated below from sites with an elevation lower than the subject property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in bold italics are in multiple databases.

ECSI: The Environmental Cleanup Site Information System records information about sites in Oregon that may be of environmental interest. The data comes from the Department of Environmental Quality.

A review of the SHWS list, as provided by EDR, and dated 09/01/1997 has revealed that there are 22 SHWS sites within approximately 1 Mile of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ZEHRUNG CORP.	2205 NW 20TH AVE	0 - 1/8 NNW	D10	12
CONSOLIDATED FREIGHTWAYS INC.	2244 NW SAVIER ST	1/4 - 1/2SW	45	22
STATES BATTERY CO.	2258 NW SUFFOLK ST	1/2 - 1 NW	74	31
SULZER BINGHAM PUMPS INC	2800 NW FRONT AVE	1/2 - 1 NNW	75 75	<i>33</i>
ESCO PLANT #3	2141 NW 25TH AVE	1/2 - 1 W	76	37
UNOCAL SERVICE STATION #0738	930 NW 18TH AVE	1/2 - 1 SSE	<i>77</i>	<i>39</i>
WILBUR-ELLIS CO PORTLAND	1220 NW MARSHALL ST	1/2 - 1 SE	78	41
PACIFIC STATES GALVANIZING INC	805 NW 14TH AVE	1/2 - 1 SSE	<i>79</i>	43
HOYT ST RAILYARD	1105 NW 9TH AVE	1/2 - 1 SE	80	48
MERCER INDUSTRIES - PORTLAND	2636 NW 26TH AVE	1/2 - 1 WNW	/ 81	55
DASIC INTERNATIONAL CORP.	3125 NW FRONT AVE	1/2 - 1 NW	<i>82</i>	<i>57</i>
GUILDS LAKE	2615-2619 NW INDUSTRIAL	1/2 - 1 WNW	/ 83	59
INDUSTRIAL BATTERY BUILDING	3166 N GREELEY AVE	1/2 - 1 NE	84	65
UNION PACIFIC RR - ALBINA YARD	2745 N INTERSTATE AVE	1/2 - 1 ENE	<i>85</i>	68
SCHMITT FORGE INC	2765 NW NICOLAI ST	1/2 - 1 W	86	71
HOYT ST TRAIN YARD - PARCEL 1	1101 NW HOYT ST	1/2 - 1 SE	87	73
CASCADE BRAKE PRODUCTS	698 N PAGE ST	1/2 - 1 E	88	77
PRIESTLEY OIL & CHEMICAL CO.	2429 N BORTHWICK AVE	1/2 - 1 ENE	<i>89</i>	<i>79</i>
STAGES BUILDING	418 NW 11TH AVE	1/2 - 1 SSE	90	83
MASTER CHEMICAL INC.	642 N TILLAMOOK ST	1/2 - 1 E	91	87
NUDELMAN & SON INC.	2707 NW NELA ST	1/2 - 1 WNW	/ 092	90
LONGVIEW CITY LAUNDRY & CLEANE	2737 NW NELA ST	1/2 - 1 WNW	/ <i>093</i>	92

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data comes from the Department of Environmental Quality's LUST Database List.

A review of the LUST list, as provided by EDR, and dated 10/01/1997 has revealed that there are 56 LUST sites within approximately 0.5 Miles of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
JASCO HOT JOHNSON ACOUSTICAL & SUPPLY CO BUILDERS APPLIANCE SUPPLY GRAPHIC ARTS CTR BOISE CASCADE CORPORATION	2001 NW 19TH AVE 2001 NW 19TH AVE 2012 NW VAUGHN 2000 NW WILSON ST 2017 NW VAUGHN	0 - 1/8 ESE 0 - 1/8 ESE 0 - 1/8 WSW 0 - 1/8 NW 0 - 1/8 WSW	A2 ' B3 C4	9 9 <i>9</i> 9

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
A-BOY ELECTRIC	1919 NW 19TH AVE	0 - 1/8 SE	7	11
PORTLAND FROZEN FOOD HOT	1995 NW UPSHUR ST	0 - 1/8 SSW	8	11
FEDERATED-FRY METALS	1900 NW 18TH AVE	0-1/8 ESE	E12	15
OREGON STATE HWY. PROPERTY	N.W. 19TH / THURMAN	0 - 1/8 SSE	13	15
RAPID TRANSFER CO TRUCK YAR	2030 NW 17TH AVE	1/8 - 1/4E	F14	15
CONSOLIDATED FREIGHTWAYS	1947 NW SAVIER ST	1/8 - 1/4 S	16	16
TEA, INC.	2090 NW FRONT AVE	1/8 - 1/4 ENE	17	16
POPE RIGGING LOFT, INC.	2126 NW WILSON ST	1/8 - 1/4 WNW	/ 18	16
PREMIER GEAR AND MACHINE WORKS	1700 NW THURMAN ST	1/8 - 1/4 SE	19	16
ELECTRICAL CONSTRUCTION DISTRI	2121 NW THURMAN ST	1/8 - 1/4 SW	G20	16
AMERICAN PACIFIC CORP.	2320 NW 21ST AVE	1/8 - 1/4 NW	H24	17
SOUTHWEST INDUSTRIAL SUPPLY	2353 NW 21ST AVE	1/8 - 1/4 NW	H26	17
LUTZ TIRE COMPANY WAREHOUSE HO	1631 NW THURMAN ST	1/8 - 1/4 ESE	27	18
PAC SERVE HOT	1705 NW 17TH AVE	1/8 - 1/4 SE	28	18
CARSON OIL CO., INC.	2169 NW THURMAN ST	1/8 - 1/4WSW	′ J32	19
CONSOLIDATED FREIGHTWAYS, INC.	1621 NW 21ST AVE	1/8 - 1/4 SW	K34	20
CONSOLIDATED FREIGHTWAYS	1621 NW 21ST ST	1/8 - 1/4 SW	K35	20
AMERITONE PAINT CORP. NW DIV.	PO BOX 10164	1/8 - 1/4W	L37	20
AMERITONE PAINTS HOT	2100 NW 22ND AVE	1/8 - 1/4W	L38	20
HYDRAULIC & AIR EQUIPMENT COMP	1925 NW QUIMBY ST	1/4 - 1/2S	41	21
CONSOLIDATED FREIGHTWAYS QUIMB	2050 NW QUIMBY	1/4 - 1/2SSW	42	22
GENERAL DISTRIBUTOR (FICK WARE	1509 NW SAVIER ST	1/4 - 1/2ESE	43	22
PACAT PROPERTIES/HUTCHESON, DO	1732 NW QUIMBY ST	1/4 - 1/2SSE	44	22
MILL HOT	1811 NW NAITO PKWY	1/4 - 1/2ESE	46	25
CONSOLIDATED FREIGHTWAYS	2222 NW RALEIGH	1/4 - 1/2 SW	47	25
HELSER MACHINE WORKS	2401 NW 22ND AVE	1/4 - 1/2NW	48	26
GRIFFITH RUBBER MILLS	2249 N.W. 22ND	1/4 - 1/2NW	49	26
AITCHISON, P HOT	1313 NW 19TH AVE	1/4 - 1/28	50	26
HAMPEL ENTERPRISES	2233 NW 23RD	1/4 - 1/2 WNW	['] 51	26
HENDRIX MOTOR CO.	1947 NW OVERTON ST	1/4 - 1/2S	52	26
PGE-SUBSTATION E	2635 NW FRONT AVE	1/4 - 1/2NNW	53	27
KEVEDY INC.	2211 NW NICOLAI ST	1/4 - 1/2NW	54	27
WILL VINTON STUDIOS HOT	1400 NW 22ND AVE	1/4 - 1/2SW	55	27
NORTH COAST CANVAS PROD. CO.	1235 NW 19TH AVE	1/4 - 1/2S	56	27
BELVEDERE APARTMENTS HOT	1204 NW 20TH AVE	1/4 - 1/28	57	27
DREW PAINTS INC.	1525 NW 23RD AVE	1/4 - 1/2SW	58	27
ROSENFELD COMMERCIAL PROPERTY	1428 NW 14TH AVE	1/4 - 1/2SE	M59	28
DIRECT MAIL/MAIL MARK	1421 NW 14TH	1/4 - 1/2 SE	M60	28
PRO TRUCK LINES	1721 NW NORTHRUP	1/4 - 1/2SSE	61	28
SUPER ONE, INC.	SW CORNER OF 24TH / N	1/4 - 1/2W	62	28
FOOD FRONT	2375 NE THURMAN	1/4 - 1/2WSW	63	29
POWER SUBSTATIONS (GREEN TRANS	2425 NW 23RD PL	1/4 - 1/2WNW		29
U'REN, D HOT	2287 NW PETTYGROVE ST	1/4 - 1/2SW	65	29
PRO PHOTO SUPPLY	1112 NW 19TH AVE	1/4 - 1/25	66	29
LEAVENS, N HOT	2336 NW QUIMBY ST	1/4 - 1/2SW	N67	29
FOREST PARK POST OFFICE HOT	1706 NW 24TH AVE	1/4 - 1/2WSW	68	2 9
MURPHY, H HOT (HOFFMAN PROPERT	2355 NW QUIMBY ST	1/4 - 1/2SW	N69	30
ASTRO QUIK MART #206	1111 NW 21ST	1/4 - 1/2SSW	<i>70</i>	30
RIEMERS & JOLIVETTE	2344 NW 24TH AVE	1/4 - 1/2WNW	71	30
METROPOLITAN HOMES - PETTIGROV	N.W. PETTIGROVE BETWEEN	1/4 - 1/2SW	72	30
METROPOLITAN HOMES - OVERTON L	N.W. OVERTON, BETWEEN N	1/4 - 1/2SW	73	30

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data comes from the Department of Environmental Quality's UST List on Disk.

A review of the UST list, as provided by EDR, and dated 07/10/1997 has revealed that there are 15 UST sites within approximately 0.25 Miles of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BUILDERS APPLIANCE SUPPLY	2012 NW VAUGHN	0 - 1/8 WSW	' B3	9
GRAPHIC ARTS CTR	2000 NW WILSON ST	0 - 1/8 NW	C4	9
BOISE CASCADE CORPORATION	2017 NW VAUGHN	0 - 1/8 WSW	' B5	10
RAPID TRANSFER CO - TRUCK YARD	2030 NW 17TH ST	1/8 - 1/4 E	F15	15
CONSOLIDATED FREIGHTWAYS	1947 NW SAVIER ST	1/8 - 1/4 \$	16	16
E C COMPANY	2121 NW THURMAN	1/8 - 1/4SW	G21	16
CONSOLIDATED FREIGHTWAYS	1625 NW 20TH AVE	1/8 - 1/4 SSW	23	17
AMERICAN PACIFIC CORP	2320 NW 21ST AVE	1/8 - 1/4 NW	H25	17
SOUTHWEST INDUSTRIAL SUPPLY	2353 NW 21ST AVE	1/8 - 1/4 NW	H26	17
M K C ENTERPRISES INC	1828 NW RALEIGH ST	1/8 - 1/4SSE	29	18
CARSON OIL CO THURMAN	2169 NW THURMAN	1/8 - 1/4 WSW	' J31	19
CONSOLIDATED FREIGHTWAYS	1621 NW 21ST ST	1/8 - 1/4 SW	K35	20
RELIANCE ELECTRIC	2315 SW 21ST PL	1/8 - 1/4 NW	136	20
AMERITONE PAINT CORP	2100 NW 22ND AVE	1/8 - 1/4 W	L39	21
STARK & NORRIS CO	1703 NW 16TH AVE	1/8 - 1/4 SE	40	21

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 07/01/1997 has revealed that there are 7 RCRIS-SQG sites within approximately 0.25 Miles of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
PAUL O GIESEY ADCRAFTERS	2115 NW 20TH AVE	0 - 1/8 NW	C6	11
ZEHRUNG CORP	2201 NW 20TH	0 - 1/8 NNW	D9	11
ELECTRICAL CONSTRUCTION	2121 NW THURMAN	1/8 - 1/4 SW	G22	17
MONARCH MACHINE CO	2130 NW YORK ST	1/8 - 1/4 NW	130	18
LANE MILES STANDISH CO	1539 NW 19TH AVE	1/8 - 1/4 SSE	33	19
AMERITONE PAINT CORP	2100 NW 22ND AVE	1/8 - 1/4 W	L39	21
STARK & NORRIS CO	1703 NW 16TH AVE	1/8 - 1/4 SE	40	21

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 07/01/1997 has revealed that there are 2 RCRIS-LQG sites within approximately 0.25 Miles of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
GRAPHIC ARTS CTR	2000 NW WILSON ST	0 - 1/8 NW	-	9
PACIFIC COAST CHEMICALS CO	1801 NW UPSHUR ST	0 - 1/8 ESE		15

EXECUTIVE SUMMARY

(Coal Gas) Former Manufactured gas (Coal Gas) Sites:
The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative

A review of the Coal Gas list, as provided by EDR, has revealed that there is 1 Coal Gas site within approximately 1 Mile of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
PORTLAND GAS CO.	1339 N.W. COUCH	1/2 - 1 SSE	94	95

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
GROUNDWATER - NW 22ND AVENUE	SHWS
ODOT - SURPLUS PROPERTY	SHWS,OR VCS
WILLBRIDGE BULK FUEL AREA	SHWS
NORTH WATERFRONT PARK	SHWS
UNION STATION AGRICULTURAL MARKETING CEN	SHWS
UNION STATION - TRACK #5	SHWS,OR CRL,OR VCS
RMAC	SWF/LF
BOB'S SANITARY SERVICE, INC. SLUDGE SITE	SWF/LF
PORTLAND COMPOST FACILITY	SWF/LF
SUNFLOWER RECYCLING	SWF/LF
SONAS SOIL RESOURCE RECOVERY OF OREGON,	SWF/LF
OBRIST TROUTDALE LANDFILL	SWF/LF
ST. JOHNS LANDFILL	SWF/LF
ESCO SAUVIE ISLAND	SWF/LF
GRIFFITH RUBBER MILLS	FINDS,UST
LONE STAR NORTHWEST FRONT ST	RCRIS-SQG,FINDS
OLIN MICROELECTRONIC MATERIALS	RCRIS-LQG

TOPOGRAPHIC MAP - 1224259.1p - ATC Associates Inc. NE AINSWORTH ST SPWY NE KILLINGSWORTH ST n willamette blyd 200 NE AL NE ALBERTA ST N GOING ST NE PRESCOTT 8T NE PR N WILLIAMS AVE NE MIL KING BLYD NE 15TH AVE N FREMONT ST NE FREMONT BT OATH SWOT IN THE N YANCOUVER NE KNOTT 6T NW VAUGHN 67 NW THURMAN ST NE GRAND AVI M **(F)** E BURNSIDE ST SE STARK ST BW4THANE SE 18TH AVE 15 FWY 1/2 2 Miles Major Roads Contour Lines Waterways 0 Earthquake epicenter, Richter 5 or greater O Closest Federal Well in quadrant S Closest State Well in quadrant Ð Closest Public Water Supply Well

TARGET PROPERTY: ADDRESS: CITY/STATE/ZIP: LAT/LONG: Rono Graphics 2187 NW Reed Portland OR 97206 45.5373 / 122.6904 CUSTOMER: CONTACT: INQUIRY #: DATE:

ATC Associates Inc. Ms. Erica Schoedel 1224259.1p

January 23, 1998 11:27 am

GEOCHECK VERSION 2.1 SUMMARY

TARGET PROPERTY COORDINATES

Latitude (North):

45.537300 - 45° 32' 14.3"

Longitude (West):

122.690392 - 122° 41' 25.4"

Universal Transverse Mercator: UTM X (Meters):

Zone 10

UTM Y (Meters):

524173.6 5042469.5

GEOLOGIC AGE IDENTIFICATION[†]

Geologic Code:

Q

Era:

Cenozoic

System: Series:

Quaternary Quaternary

ROCK STRATIGRAPHIC UNIT†

Category:

Stratifed Sequence

GROUNDWATER FLOW INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, including well data collected on nearby properties, regional groundwater flow information (from deep aquifers), or surface topography.‡

General Topographic Gradient: Undeterminable

General Hydrogeologic Gradient: The hydrogeologic gradient for this report has been determined using the depth to water table information provided below. Where available, the closest well in each quadrant has been identified (up to a radius of 5 miles around the target property) and used in the gradient calculation. While an attempt has been made to segregate shallow from deep aquifers, this cannot always be assured. Groundwater flow in the aquifer associated with the wells appears generally to be to the North. This would appear to be in conflict with the topographical

gradient. The direction of the groundwater flow should be determined by a qualified

environmental professional.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property:

2445122-E6 PORTLAND, OR WA

FEDERAL DATABASE WELL INFORMATION

WELL QUADRANT	DISTANCE FROM TP	LITHOLOGY	DEPTH TO WATER TABLE
Northern	1 - 2 Miles	Not Reported	30 ft.
Eastern	1 - 2 Miles	Not Reported	70 ft.
Southern	1/2 - 1 Mile	Not Reported	103 ft.
Western	1/4 - 1/2 Mile	Not Reported	32 ft.

PUBLIC WATER SUPPLY SYSTEM INFORMATION

Searched by Nearest PWS.

NOTE: PWS System location is not always the same as well location.

PWS Name:

USFS ROSLAND CAMPGROUND

BEND, OR 97701

Location Relative to TP:

1 - 2 Miles East

PWS currently has or has had major violation(s): No

GEOCHECK VERSION 2.1 SUMMARY

AREA RADON INFORMATION

EPA Radon Zone for MULTNOMAH County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 Indoor average level >= 2 pCi/L and <= 4 pCi/L.

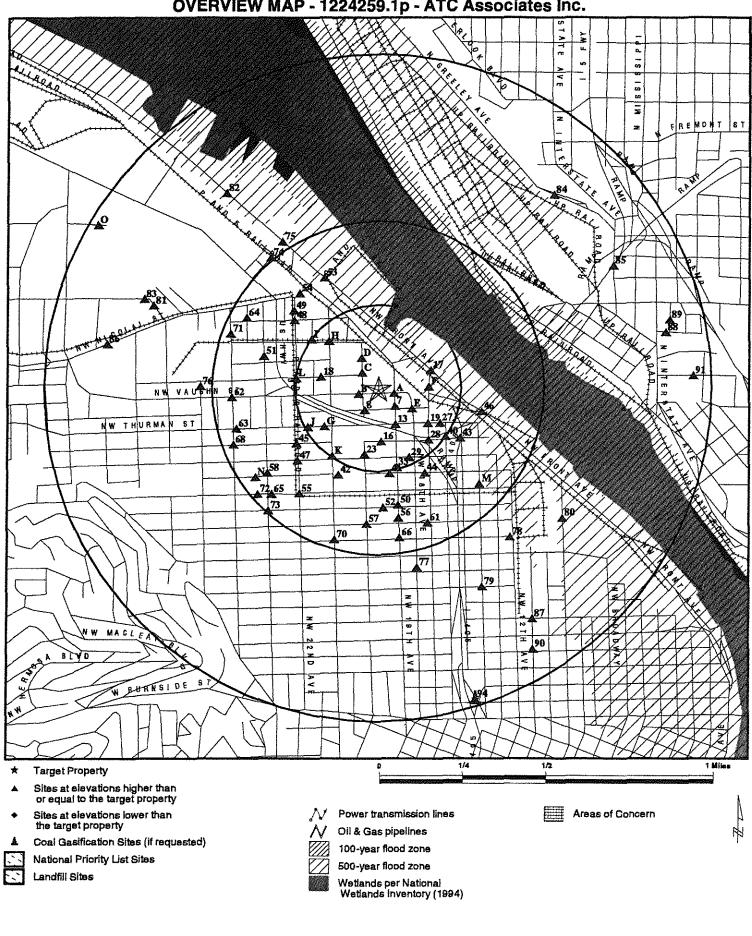
: Zone 3 indoor average level < 2 pCi/L.

MULTNOMAH COUNTY, OR

Number of sites tested: 33

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCl/L
Living Area	1.530 pCi/L	91%	9%	0%
Basement	2.630 pCi/L	57%	43%	0%

OVERVIEW MAP - 1224259.1p - ATC Associates Inc.



TARGET PROPERTY: ADDRESS: CITY/STATE/ZIP: LAT/LONG:

Rono Graphics 2187 NW Reed Portland OR 97206 45.5373 / 122.6904 CUSTOMER: CONTACT: INQUIRY#: DATE:

ATC Associates Inc. Ms. Erica Schoedel 1224259.1p January 23, 1998 11:24 am

DETAIL MAP - 1224259.1p - ATC Associates Inc. H 48 NW REED ST NW REED ST HW 22ND AVE NW 218T AVE NW 21ST I ZOTHPL Mark Rox 羹 136 H NWYORK ST NW YORKIST 1 3 INW YORK ST 22ND AVE ODSEVELT ST NW NW 21ST AVE **C6** SON ST HM MITERS EL NW W LNW WILSON ST AM 201H AVE 19TH AVE NW 21ST AVE NW 22ND AVE NW 21ST PL 电 NW VAUGHN ST NW VAUGHN ST B WH 187H. FRONTAGE RO HIST AN NW 201H US HWY 30 FRONTAGE RO A NW UPSHUR ST UPSHUR ST NW UPSHUR ST NW UPSHUR ST HONTAGE RD NW UPSHUR BT TTHAVE Ž Kewy 30 TH AVE FRONTAGEN FRONTAGE RD 72ND AVE 홀 US HWY 30 N THUMMAN ST 1 JW THURMAN 27 NW THURMAN ST NW THURMAN ST ₹ US HWY 30 NW 21ST AVE NW 22ND NS HWY 30 NW SAVIER ST NW SA 281W SAVIER ST AVE MW SAVIER ST NW SAVIED ST NW BAVIER ST NW TATE OF S SEA NO NW 20TH ¥ 143 NW 2187 18TH AVE NW 22ND AVE H161 AVE NW PALEIGH 529 THE STATE OF Ř NW RAI NW RALEIGH ST NW PALEIGH ST NW PALEIGH 6T ž NW 218T AVE å 털 Ē 16E NW D Æ Æ ∰ Samine My ₹ Æ NW QUIMBY ST NW QUIMBY ST **₹** ₹1 죭 ₹ 1/8 1/4 Miles Target Property Sites at elevations higher than or equal to the target property Areas of Concern Power transmission lines Sites at elevations lower than the target property Oil & Gas pipelines Coal Gasification Sites (if requested) 100-year flood zone Sensitive Receptors 500-year flood zone National Priority List Sites Wetlands per National Landfill Sites Wetlands Inventory (1994)

TARGET PROPERTY: ADDRESS: CITY/STATE/ZIP: LAT/LONG: Rono Graphics 2187 NW Reed Portland OR 97206 45.5373 / 122.6904 CUSTOMER: CONTACT: INQUIRY #: DATE:

ATC Associates Inc. Ms. Erica Schoedel 1224259.1p January 23, 1998 11:26 am

MAP FINDINGS SUMMARY SHOWING ALL SITES

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		TP	NR	NR	NR	NR	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
State Haz. Waste		1.000	1	0	1	20	NR	22
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		TP	NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	9	15	32	NR	NR	56
UST		0.250	3	12	NR	NR	NR	15
RAATS		TP	NR	NR	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	2	5	NR	NR	NR	7
RCRIS Lg. Quan. Gen.		0.250	2	0	NR	NR	NR	2
HMIRS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
OR HAZMAT		TP	NR	NR	NR	NR	NR	0
OR SPILLS		TP	NR	NR	NR	NR	NR	0
OR CRL		TP	NR	NR	NR	NR	NR	0
OR VCS		0.500	0	0	0	NR	NR	0
Coal Gas		1.000	0	0	0	1	NR	1

TP = Target Property

NR = Not Requested at this Search Distance

^{*} Sites may be listed in more than one database

MAP FINDINGS SUMMARY SHOWING ONLY SITES HIGHER THAN OR THE SAME ELEVATION AS TP

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		TP	NR	NR	NR	NR	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
State Haz. Waste		1.000	1	0	1	20	NR	22
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		TP	NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	9	15	32	NR	NR	56
UST		0.250	3	12	NR	NR	NR	15
RAATS		TP	NR	NR	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	2	5	NR	NR	NR	7
RCRIS Lg. Quan. Gen.		0.250	2	0	NR	NR	NR	2
HMIRS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
OR HAZMAT		TP	NR	NR	NR	NR	NR	0
OR SPILLS		TP	NR	NR	NR	NR	NR	0
OR CRL		TP	NR	NR	NR	NR	NR	0
OR VCS		0.500	0	0	0	NR	NR	0
Coal Gas		1.000	0	0	0	1	NR	1

TP = Target Property

NR = Not Requested at this Search Distance

^{*} Sites may be listed in more than one database

Map ID		WIN	FINDINGS			
Direction Distance Elevation	Site				Database(s)	EDR ID Number EPA ID Number
A1 ESE < 1/8 Higher	JASCO HOT 2001 NW 19TH AVE PORTLAND, OR 9				LUST	S102778357 N/A
A2 ESE < 1/8 Higher	JOHNSON ACOUS 2001 NW 19TH AVE PORTLAND, OR	TICAL & SUPPLY CO.			LUST	S100500507 N/A
	LUST: Facility ID: Clean Lead: Closed Date:	26-87-0012 Not reported 08/17/1987	Region: Cleanup Start Date: Cleanup Completion:	NWR 20-JUL-87 17-AUG-8		
B3 WSW < 1/8 Higher	BUILDERS APPLIA 2012 NW VAUGHN PORTLAND, OR 97				UST LUST	U000432373 N/A
	LUST: Facility ID: Clean Lead: Closed Date:	26-92-0342 RP 02/05/1993	Region: Cleanup Start Date: Cleanup Completion:	NWR 22-OCT-9 22-OCT-0		
	UST: Facility ID: Permittee: Num of Active Ta	·······	Facility Tel:	(503) 226-	4377	
C4 NW < 1/8 Higher	GRAPHIC ARTS CT 2000 NW WILSON S PORTLAND, OR 97	ST .			FINDS RCRIS-LQG TRIS UST LUST	1000347199 ORD009051665
	RCRIS: Owner:	MAIL WELL CORP (303) 790-8023				
	Contact:	PATRICK SHEA (503) 224-7777				
	Record Date:	12/31/96	•			
	Classification:	Large Quantity Generator				
	BIENNIAL REPOR Last Biennial Re	RTS: eporting Year: 1995				
	<u>Waste</u> <u>C</u> D001 D039 F005	Quantity (Lbs) 72633.00 28085.20 16858.60	D018 2	ity (Lbs) 7777.20 6803.60		

Map ID	
Direction	ı
Distance	
Elevation	1

Site

Database(s)

EDR ID Number EPA ID Number

GRAPHIC ARTS CTR (Continued)

1000347199

Date of

Used Oil Recyc: No

Violation Status: Violations exist

There are 2 compliance/violation record(s) reported at this site:

Evaluation Area of Violation Compliance Compliance Evaluation Inspection (CEI) Generator-All Requirements 09/11/95 TSD-Other Requirements 09/11/95 **TSD-Other Requirements** 09/11/95 TSD-Other Requirements 09/11/95 Generator-Land Ban Requirements 09/11/95 Generator-All Requirements 09/11/95 TSD-Other Requirements 09/11/95 Compliance Evaluation Inspection (CEI) Generator-All Requirements 08/18/89

FINDS:

Other Pertinent Environmental Activity Identified at Site:

- Facility is monitored or permitted for air emissions under the Clean Air Act (under AFS/AIRS)

- Civil judicial and administrative enforcement case against facility (under DOCKET)

LUST:

Facility ID:

26-89-0091

Region:

NWR

Clean Lead:

Cleanup Start Date:

15-MAY-89

06/19/1989 Closed Date:

Cleanup Completion:

19-JUN-89

UST:

Facility ID: Permittee: 7352

Facility Tel: Graphic Arts Center, Inc.

(503) 224-7777

Num of Active Tanks:

Not reported

Num of Decommissioned Tanks 2

B5 WSW < 1/8 Higher **BOISE CASCADE CORPORATION** 2017 NW VAUGHN

PORTLAND, OR 97209

UST U000432371 **OR SPILLS** N/A

LUST

LUST:

Facility ID: Clean Lead:

26-89-0163

Region:

NWR

Closed Date:

RP

Cleanup Start Date:

03-AUG-89

11/17/1989

Cleanup Completion:

07-AUG-89

OR SPILLS:

Facility ID:

Not reported

Spill Date:

Not reported

Material: Release Date: Not reported 19961204

Quantity:

Not reported

How Occurred:

Not reported

Year:

96

Fueling station at 20th and NW Wilson.

Location: Description:

Sheen/odor observed in ditch/problem recurring

UST:

5368

Facility Tel:

(503) 223-6410

Facility ID: Permittee:

Boise Cascade Corp. Not reported

Num of Active Tanks: Num of Decommissioned Tanks

Map ID Direction Distance Elevation	Site	L MAP	- HINDINGS			Database(s)	EDR ID Number EPA ID Number
C6 NW < 1/8 Higher	PAUL O GIESEY AU 2115 NW 20TH AVE PORTLAND, OR 97					RCRIS-SQG FINDS	1000274689 ORD009054032
	RCRIS: Contact:	Not reported					
	Record Date:	Not reported					
	Classification:	Not reported					
	Used Oil Recyc	o: No					
		s: No violations found					
7 SE < 1/8 Higher	A-BOY ELECTRIC 1919 NW 19TH AVE PORTLAND, OR 97					LUST	S102417399 N/A
	LUST: Facility ID: Clean Lead: Closed Date:	26-96-0640 Not reported Not reported	Region: Cleanup Start I Cleanup Comp		NWR Not rep Not rep		
8 SSW < 1/8 Higher	PORTLAND FROZE 1995 NW UPSHUR S PORTLAND, OR 97	ST				LUST	S100921230 N/A
	LUST: Facility ID: Clean Lead: Closed Date:	26-94-0073 Not reported 03/09/1995	Region: Cleanup Start I Cleanup Comp		NWR 21-API 28-NO		
D9 NNW < 1/8 Higher	ZEHRUNG CORP 2201 NW 20TH PORTLAND, OR 97	209				RCRIS-SQG FINDS TSCA CERC-NFRAI	1000370441 ORD010729499
	Site Incident Ca Ownership State EPA Notes:	Classification Data; ttegory: Not reported us: OTHER Not reported Assessment History:		Federal NPL Sta		NO NOT ON NPL	
	Assessment: Assessment: CERCLIS-NFRAP ZEHRUNG COI	DISCOVERY PRELIMINARY ASSESSM Alias Name(s):	IENT	Complete Complete		01/01/80 09/28/84	

Map ID Direction Distance Elevation

Site

Database(s)

EDR ID Number EPA ID Number

ZEHRUNG CORP (Continued)

1000370441

RCRIS:

Owner:

ZEHRUNG CORPORATION

(503) 555-1212

Contact:

HENRY TOBEY

(503) 222-9691

Record Date:

Not reported

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

- Facility is monitored or permitted for air emissions under the Clean Air Act (under AFS/AIRS)

D10 NNW < 1/8 Higher ZEHRUNG CORP. 2205 NW 20TH AVE PORTLAND, OR 97210 SHWS

No Further Action

KPD - SRS

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

Ν

Ε

Н

S101838466 N/A

ECSI:

Study Area: Cerclis ID:

Orphan:

Lat/Long:

FIPS Cnty Code: Not reported No

Not reported

Not reported

010729499

No

45.538 / 122.692

Township Coord.: 1.00 Range Coord.: 1.00

Section Coord.: 28

Lat/Long:

Total Tanks: Status:

Not reported Address: 2205 NW 20th AVE

Substance:

PENTACHLOROPHENOL

Quant. Released: Unknown Date:

Unknown

Substance:

TOLUENEDIAMINE, 2, 4-

Quant. Released: Unknown Date:

Unknown

Alias Name:

Graphics Arts Center

Texto:

Not reported

Release Desc.:

Not reported

Sampling Start:

Not reported

Sample Depth: Not reported Sampling Result: Not reported

Obsrvtn Indicator: Not reported

Owner/Operator: Not reported

Medium Description:

Minimum Concentration Valve: Maximum Concentration Valve: Sampling End:

Not reported

Lab Data Indicator:

Investigation Status:

Coordinator Supplier:

Tax Lots:

Tax Lots:

ECFS Code:

Range Zone:

Dunsnumber:

Qtr Section:

Acc:

Code:

Township Zone:

Not reported

Contamination:

(12/10/88 SLL/SAS) Insecticide dust was reported to be under warehouse floor (several hundred pounds). This warehouse may have been razed and another

building built on top. Two railroad tank cars were buried here to store

Not reported Not reported

Not reported

Site

Database(s)

EDR ID Number EPA ID Number

ZEHRUNG CORP. (Continued)

S101838466

solvents. Some paints produced here contained pentachlorophenol. Paint mix tank washwater was discharged to a sump. The sump discharges to the sanitary sewer operated by the City of Portland. In the 1960s, there was a penta spill when a coupling to the railroad car ruptured and penta spilled onto the ground and actually got into the Willamette River. Bulk loading is no longer practiced.

Data Sources:

1. DEQ NWR/HW Source File.

2. CERCLIS File.

3. Inspection reports.

4. EPA CERCLA Preliminary Assessment.

5. Lab results.

Hazardous Substance/Waste Types:

2,4-D; pentachiorophenol

Manner of Release:

Spills; time of release unknown.

Remedial Action:

(12/10/88 SLL/SAS) Responsible party cleanup or removal. DEQ received manifests on cleanup of contaminated debris on 3/21/83 and wrote the company saying the Department considers the cleanup complete. Post-cleanup sample

indicated 38 ppm PCP.

Party Affiliation:

None Reported:

Site Status: Assoc Date: Not reported

Not reported

Permit Number: 26-2726

Permit Agency: DEQ

Prmt Comments: Not reported

Common Name: Zehrung Corp.

Years/Operation: 1950s to present

Operation Status: Active

Most Recent FLag:

Permit Type:

Yes

Air

Oper. Comment: Insecticide blending and paint blending

Administrative Action:

Responsible party notified re 11/88 Inventory listing

Admnstrtv Category:

Listing Action

Comments:

Not reported

Start Date:

30-NOV-88

Not reported

Completion: FRT Action Priority: 31-DEC-99

Staff Number:

0

Agency:

Not reported Dept of Env. Quality

Rank Value: Region:

Head Quarters

Administrative Action: No Further Remedial Action Planned under Federal program

Admnstrty Category:

EPA Led Action

Comments: Start Date:

Not reported 28-SEP-84

Completion:

28-SEP-84 Not reported

Staff Number: Rank Value:

Not reported 0

FRT Action Priority:

Agency:

EPA

Region:

Not reported

Site

Database(s)

EDR ID Number EPA ID Number

ZEHRUNG CORP. (Continued)

S101838466

Administrative Action:

EPA Basic Preliminary Assessment

Admnstrtv Category:

State lead

Comments: Start Date:

01-NOV-83

Staff Number: Rank Value:

Start Date:

Staff Number:

Rank Value:

Region:

Not reported

FRT Action Priority:

28-SEP-84 Not reported **EPA**

31-DEC-99

31-DEC-99

EPA

Not reported

10-DEC-88

Not reported

11-DEC-88

09-DEC-88

12-DEC-88

Not reported

Dept of Env. Quality

Not reported

Not reported

Dept of Env. Quality

Dept of Env. Quality

Not reported

Dept of Env. Quality

Agency:

Completion:

Completion:

Completion:

Completion:

Completion:

Agency:

FRT Action Priority:

Agency:

Agency:

FRT Action Priority:

FRT Action Priority:

Region: Not reported

Administrative Action:

Site added to database Administrative Action

Site added to CERCLIS

EPA Led Action

Admnstrty Category: Comments:

Not reported

05-MAY-88

123

0

Head Quarters

Administrative Action:

Adminstrty Category: **EPA Led Action**

Comments: Start Date:

Not reported 01-JAN-80

Staff Number: Rank Value:

Not reported

Listing Action

Not reported Region:

Listing Review completed Administrative Action:

Admnstrtv Category:

Comments: Start Date:

Region:

Not reported 10-DEC-88

Staff Number: Rank Value: 0

Administrative Action:

133

Head Quarters

Listing Action

Excluded from confirmed release definition

Admnstrtv Category: Comments:

Release cleaned up to DEQ's satisfaction.

Start Date: 11-DEC-88 Staff Number:

133

FRT Action Priority: Agency:

Rank Value: Region:

Head Quarters

Administrative Action: SITE EVALUATION Admnstrtv Category: Remedial Action Not reported

Comments: Start Date:

09-DEC-88 Staff Number: Rank Value:

133 0

Completion:

Agency:

Agency:

FRT Action Priority:

Dept of Env. Quality

Region: Head Quarters

Administrative Action: NO FURTHER STATE ACTION REQUIRED Remedial Action

Admnstrty Category: Not reported

Comments: Start Date: Staff Number:

12-DEC-88 133

Completion: FRT Action Priority:

Rank Value: 0

Head Quarters

Region: ECSF Desc.: Not reported

Map ID		MA:	PFINDINGS			
Direction Distance Elevation	Site				Database(s)	EDR ID Number
E11 ESE < 1/8 Higher	PACIFIC COAST O 1801 NW UPSHUR PORTLAND, OR 9	ST			FINDS RCRIS-LQG	1000252029 ORD000711952
	RCRIS: Contact:	AARON STULL (415) 549-3535				
	Record Date:	08/18/80				
	Classification:	Large Quantity Generator, Haz	ardous Waste Transporter			
	Used Oil Recy	c: No				
	Violation State	us: No violations found				
E12 ESE < 1/8 Higher	FEDERATED-FRY 1900 NW 18TH AV PORTLAND, OR				LUST	S100500597 N/A
Migre	LUST: Facility ID: Clean Lead:	26-91-0163 RP	Region: Cleanup Start Date:	NWR 23-APR-91	I	
13	Closed Date: OREGON STATE H		Cleanup Completion:	27-APR-91	LUST	\$100500524
SSE < 1/8 Higher	N.W. 19TH / THUF PORTLAND, OR	RMAN				N/A
	LUST: Facility ID: Clean Lead: Closed Date:	26-88-0066 Not reported 12/12/1988	Region: Cleanup Start Date: Cleanup Completion:	NWR 27-SEP-88 12-DEC-88		
F14 East 1/8-1/4 Higher	RAPID TRANSFER 2030 NW 17TH AVE PORTLAND, OR 9				LUST	S100497319 N/A
•	LUST: Facility ID: Clean Lead: Closed Date:	26-91-0269 RP 08/26/1991	Region: Cleanup Start Date: Cleanup Completion:	NWR 22-JUL-91 26-AUG-91		
F15 East 1/8-1/4 Higher	RAPID TRANSFER 2030 NW 17TH ST PORTLAND, OR 97				UST	U000432481 N/A
·	UST: Facility ID: Permittee: Num of Active T	8667 Rapid Transfer & Storage Co anks: Not reported	Facility Tel:	(503) 228-7	7353	

Num of Decommissioned Tanks 0

ection tance vation	Site				Database(s)	EDR ID Num
ith 1/4 her	CONSOLIDATED F 1947 NW SAVIER S PORTLAND, OR 9	ST			UST LUST	U000432349 N/A
	LUST: Facility ID: Clean Lead: Closed Date:	26-92-0329 Not reported 05/14/1997	Region: Cleanup Start Date: Cleanup Completion:	NWR 24-NOV-92 27-JUN-96		
	UST: Facility ID: Permittee: Num of Active 1 Num of Decomi	1997 Consolidated Freightways Fanks: Not reported missioned Tanks 0	Facility Tel:	(415) 327-	9730	
= 1/4 her	TEA, INC. 2090 NW FRONT A PORTLAND, OR	VE			LUST	S102779193 N/A
W 1/4 her	POPE RIGGING LO 2126 NW WILSON PORTLAND, OR				LUST	S100500542 N/A
	LUST: Facility ID: Clean Lead: Closed Date:	26-89-0077 Not reported 08/16/1989	Region: Cleanup Start Date: Cleanup Completion:	NWR 01-JAN-74 16-AUG-89		
1/4 ner	PREMIER GEAR A 1700 NW THURMA PORTLAND, OR 9				LUST	S101631725 N/A
	LUST: Facility ID: Clean Lead: Closed Date:	26-95-0261 Not reported 08/26/1996	Region: Cleanup Start Date: Cleanup Completion:	NWR 03-OCT-95 06-JUN-96		
1/4 ner	ELECTRICAL CON: 2121 NW THURMAI PORTLAND, OR 97		·		LUST	S100497322 N/A
	LUST: Facility ID: Clean Lead: Closed Date:	26-91-0480 Not reported 02/28/1997	Region: Cleanup Start Date: Cleanup Completion:	NWR 18-DEC-91 25-NOV-96		
1/4	E C COMPANY 2121 NW THURMAI PORTLAND, OR 97			;	UST	U000432439 N/A

Direction Distance Elevation	Site				Database(s)	EDR ID Numbe
	E C COMPANY (Co	ontinued)				U000432439
	UST: Facility ID: Permittee: Num of Active To	•	Facility Tel:	(503) 224	-3511	
322 3W 1/8-1/4 ligher	ELECTRICAL CONS 2121 NW THURMAN PORTLAND, OR 97	d .			RCRIS-SQG FINDS	1000644588 ORD98719429
	RCRIS: Owner:	E C COMPANY (503) 224-3511				
	Contact:	L. KENNETH AUSTIN (503) 220-3508				
	Record Date:	Not reported				
	Classification:	Not reported				
	Used Oil Recyc	:: No				
	Violation Status	s: No violations found				
:3 SSW /8-1/4 figher	CONSOLIDATED FF 1625 NW 20TH AVE PORTLAND, OR 97				FINDS UST	1000383963 ORD03313281:
	UST: Facility ID: Permittee: Num of Active Ta		Facility Tel:	(415) 327-	-9730	
124 W /8-1/4 igher	AMERICAN PACIFIC 2320 NW 21ST AVE PORTLAND, OR 97				LUST	S102778354 N/A
25 W /8-1/4 igher	AMERICAN PACIFIC 2320 NW 21ST AVE PORTLAND, OR 97		,		UST	U000432368 N/A
	UST: Facility ID: Permittee: Num of Active Ta Num of Decommi		Facility Tel:	(503) 224-	2510	
126 IW /8-1/4 ligher	SOUTHWEST INDUS 2353 NW 21ST AVE PORTLAND, OR 972				UST LUST	U000432268 N/A

Map ID Direction Distance			FINDINGS			EDR ID Number
Elevation	Site			Dat	abase(s)	EPA ID Number
	SOUTHWEST INDI	JSTRIAL SUPPLY (Continued)				U000432268
	LUST: Facility ID: Clean Lead: Closed Date:	26-90-0068 Not reported 10/25/1990	Region: Cleanup Start Date: Cleanup Completion:	NWR 20-FEB-90 25-OCT-90		
	UST: Facility ID: Permittee: Num of Active 1 Num of Decomi	10263 Bricker, Zakovics & Querin Fanks: Not reported missioned Tanks 0	Facility Tel:	(503) 226-1151	ı	
27 ESE 1/8-1/4 Higher	LUTZ TIRE COMPA 1631 NW THURMA PORTLAND, OR 9			LUS	ST	S101745969 N/A
	LUST: Facility ID: Clean Lead: Closed Date:	26-95-0278 Not reported 01/18/1996	Region: Cleanup Start Date: Cleanup Completion:	NWR 19-OCT-95 17-JAN-96		
28 SE 1/8-1/4 Higher	PAC SERVE HOT 1705 NW 17TH AVE PORTLAND, OR 9			LUS	ST	S100497229 N/A
	LUST: Facility ID: Clean Lead: Closed Date:	26-90-0067 RP 02/27/1990	Region: Cleanup Start Date: Cleanup Completion:	NWR 16-FEB-90 27-FEB-90		
29 SSE 1/8-1/4 Higher	M K C ENTERPRIS 1828 NW RALEIGH PORTLAND, OR 9	ST		UST	r	U000432394 N/A
	UST: Facility ID: Permittee: Num of Active T Num of Decomn		Facility Tel:	(503) 227-5341		
130 NW 1/8-1/4 Higher	MONARCH MACHII 2130 NW YORK ST PORTLAND, OR 97			RCF FINI	RIS-SQG DS	1000154683 ORD009020850

Higher

Map ID Direction		MA	P FINDINGS		
Distance Elevation	Site			Database(s)	EDR ID Number
	MONARCH MACHI	NE CO (Continued)			1000154683
	RCRIS: Owner:	RELIANCE ELECTRIC CO (503) 555-1212			
	Contact:	MIKE TRAIN (503) 226-4951			
	Record Date:	09/02/80			
	Classification:	Not reported			
	Used Oil Recyc	o: No			
	Violation Status	s: No violations found			
J31 WSW 1/8-1/4 Higher	CARSON OIL CO TI 2169 NW THURMAN PORTLAND, OR 97	1		FINDS UST	1000643062 ORD987170701
riigiloi		t Environmental Activity Identified nonitored or permitted for air emi		Air Act (under AFS/AIRS)	
	UST: Facility ID: Permittee: Num of Active Ta		Facility Tel:	(503) 224-8500	
J32 WSW 1/8-1/4 Higher	CARSON OIL CO., I 2169 NW THURMAN PORTLAND, OR 97	IST		LUST	S100497335 N/A
	HIST				

LUST:

Facility ID:

26-93-0048 Clean Lead:

Closed Date:

RP 09/01/1993 Region:

NWR

Cleanup Start Date: Cleanup Completion:

03-MAR-93 01-SEP-93

33 SSE 1/8-1/4 Higher LANE MILES STANDISH CO 1539 NW 19TH AVE PORTLAND, OR 97209

RCRIS-SQG **FINDS**

1000199585 ORD009022039

RCRIS:

Contact:

Not reported

Record Date:

Not reported

Classification:

Not reported

Map ID	MAP FINDINGS								
Direction Distance Elevation	Site				Database(s)	EDR ID Number EPA ID Number			
	LANE MILES STAI	NDISH CO (Continued)				1000199585			
	Used Oil Recy	vc: No							
	Violation State	us: No violations found							
K34 SW 1/8-1/4 Higher	CONSOLIDATED F 1621 NW 21ST AVI PORTLAND, OR 9				LUST	\$100497209 N/A			
	LUST: Facility ID: Clean Lead: Closed Date:	26-87-0037 Not reported 06/27/1988	Region: Cleanup Start Date: Cleanup Completion:	NWR 27-JUN-8 27-JUN-8					
K35 SW 1/8-1/4 Higher	CONSOLIDATED F 1621 NW 21ST ST PORTLAND, OR 9	-			UST LUST	U000432348 N/A			
	LUST: Facility ID: Clean Lead: Closed Date:	26-89-0305 Not reported Not reported	Region: Cleanup Start Date: Cleanup Completion:	NWR Not report					
	UST: Facility ID: Permittee: Num of Active T Num of Decomr	1996 Consolidated Freightways anks: Not reported nissioned Tanks 1	Facility Tel:	(415) 327	-9730				
I36 NW 1/8-1/4 Higher	RELIANCE ELECTI 2315 SW 21ST PL PORTLAND, OR 9				FINDS UST	1000246028 ORD096989827			
.	UST: Facility ID: Permittee: Num of Active T Num of Decomm		Facility Tel:	Not report	ed				
L37 West 1/8-1/4 Higher	AMERITONE PAINT PO BOX 10164 PORTLAND, OR 97	CORP. NW DIV. GROW GROUP			LUST	S100497287 N/A			
	LUST: Facility ID: Clean Lead: Closed Date:	26-90-0027 RP Not reported	Region: Cleanup Start Date: Cleanup Completion:	NWR 17-JAN-90 31-MAR-9					
L38 West 1/8-1/4	AMERITONE PAINT 2100 NW 22ND AVE PORTLAND, OR 97				LUST	S102778376 N/A			

Higher

Map ID Direction Distance **EDR ID Number** Elevation Site Database(s) **EPA ID Number AMERITONE PAINT CORP** L39 **RCRIS-SQG** 1000363061 West 2100 NW 22ND AVE **FINDS** ORD009025214 1/8-1/4 PORTLAND, OR 97210 **TRIS** UST Higher RCRIS: Owner: GLIDDEN COMPANY THE (216) 344-8000 Contact: KEN BLEASDELL (503) 226-3591 Record Date: Not reported Classification: Not reported Used Oil Recyc: No Violation Status: No violations found UST: Facility Tel: Facility ID: 4052 (503) 226-3591 Permittee: Ameritone Paint Company Num of Active Tanks: Not reported Num of Decommissioned Tanks 40 **STARK & NORRIS CO RCRIS-SQG** 1000694984 SE 1703 NW 16TH AVE **FINDS** ORD987195732 1/8-1/4 PORTLAND, OR 97209 UST Higher RCRIS: HAROLD NORRIS Owner: (503) 281-8240 Contact: ROBERT S NORRIS (503) 228-8357 Record Date: 12/31/96 Classification: Conditionally Exempt Small Quantity Generator Used Oil Recyc: No Violation Status: No violations found UST: Facility ID: 3880 Facility Tel: (503) 283-1256 Permittee: Star Oil Co. Num of Active Tanks: Not reported Num of Decommissioned Tanks Facility ID: 3880 Facility Tel: Not reported Permittee: H.F. Norris Num of Active Tanks: Not reported Num of Decommissioned Tanks **HYDRAULIC & AIR EQUIPMENT COMPANY** LUST S100497243 41 1925 NW QUIMBY ST N/A

South 1/4-1/2

Higher

PORTLAND, OR 97209

Map ID Direction						EDD ID N
Distance Elevation	Site			<u> </u>	Database(s)	EDR ID Nun EPA ID Nun
	HYDRAULIC & AIF	R EQUIPMENT COMPANY (Cont	inued)			S10049724
	LUST:					
	Facility ID:	26-91-0065	Region:	NWR		
	Clean Lead: Closed Date:	Not reported Not reported	Cleanup Start Date: Cleanup Completion:	Not report		
2 SW /4-1/2	CONSOLIDATED F 2050 NW QUIMBY PORTLAND, OR 9	REIGHTWAYS QUIMBY			LUST	S10174597 N/A
igher	TOTTLEAND, OIL S	,203				
	LUST:					
	Facility ID:	26-95-0308	Region:	NWR	_	
	Clean Lead: Closed Date:	Not reported Not reported	Cleanup Start Date: Cleanup Completion:	13-NOV-9 Not reporte		
43 ESE 1/4-1/2 Higher	GENERAL DISTRIE 1509 NW SAVIER S PORTLAND, OR 9			*	LUST	S10049722 N/A
•	LUST:					
	Facility ID:	26-89-0003	Region:	NWR		
	Clean Lead:	RP	Cleanup Start Date:	26-JAN-89		
	Closed Date:	03/28/1989	Cleanup Completion:	30-JAN-89		
44 SSE 1/4-1/2 Higher	PACAT PROPERTI 1732 NW QUIMBY PORTLAND, OR 9				LUST	S100497233 N/A
	LUST:					
	Facility ID:	26-90-0226	Region:	NWR		
	Clean Lead: Closed Date:	RP 10/11/1990	Cleanup Start Date: Cleanup Completion:	20-JUN-90 11-OCT-90		
i W	CONSOLIDATED F				SHWS	S101839102 N/A
4-1/2 igher	PORTLAND, OR 9	7210				•••
Ĭ	ECSI:		•			
	FIPS Cnty Code	•	Investigation Status:		te - Needs Inve	estigation
	Study Area:	No.	Coordinator Supplier:	UPS - 3100		
	Cerclis ID; Orphan:	Not reported No	Tax Lots: ECFS Code:	Not reporte		
	Lat/Long:	45.535 / 122.695	Tax Lots:	Not reporte Not reporte		
	Township Coord	L: 1.00	Township Zone:	N Not reporte	, ,	
	Range Coord.:	1.00	Range Zone:	E		
	Section Coord.:		Qtr Section:	Not reporte	ed	
	Lat/Long:	Not reported	Dunsnumber:	Not reporte		
	Total Tanks:	Not reported	Acc:	Not reporte	ed	
	Status:	Not reported	Code:	Н		
	Address:	2244 NW Savier ST				
	Substance:	TRICHLOROETHANE,1,1,1-				
	Quant. Released	d: unknown unknown leaks over time				

Date:

unknown, leaks over time

Site

Database(s)

EDR ID Number EPA ID Number

CONSOLIDATED FREIGHTWAYS INC. (Continued)

S101839102

Substance: FUEL OIL Quant. Released: unknown

Date:

Date:

unknown

Substance:

XYLENEs Quant. Released: Not reported Not reported

Alias Name:

Carson Oil - Savier ST

Texto: Release Desc.: NW Region files **Data Sources**

Texto:

1,1,1-trichloroethane 20ppm; 19 Alkanc Peaks (diesel) 1700ppm;

Release Desc.:

Media Contamination Footnote

Texto:

xylenes 39ppm

Release Desc.:

Media Contamination Footnote

Texto:

NW Region files

Release Desc.: Data Sources Texto:

1,1,1-trichloroethane 20ppm; 19 Alkanc Peaks (diesel) 1700ppm;

Release Desc.:

Media Contamination Footnote

Texto:

xvienes 39ppm

Release Desc.:

Media Contamination Footnote

Sampling Start: Not reported

Sampling End:

Not reported

Sample Depth: Not reported Sampling Result: Not reported Obsrvtn Indicator: Not reported

Owner/Operator: Not reported

Lab Data Indicator:

Not reported

Medium Description: Minimum Concentration Valve: Maximum Concentration Valve:

Not reported Not reported Not reported

Contamination:

Strong petroleum odor noted during geotechnical foundation study at site in 1987. Several borings indicated presence of hydrocarbons comtamination (possibly diesel, gasoline and home heating fuel) and 1,1,1-trichloroethane (possibly from degreasing solvents). Test pits were dug in areas of highest contamination. High levels of hydrocarbon contamination present in near surface soils, decreasing rapidly below a depth of about 8-10'. Test borings drilled to depths of 43.5' and 31.5' - no groundwater encountered in borings or test pits. Dry well 27.5' deep, 4' diameter, and with 6' standing water. Consultant (Geotechnical Resources Inc.) of the opinion that the on-site soil contamination is the result of surface spills of gasoline and diesed that drained across the site and into the abandoned dry well. At least 8 underground storage tanks have been removed from the site. Most contained fuel oil, one may have contained waste oil.

Data Sources:

Source File

Program: DEQ, Region: NW

Correspondence FROM owner and/or operator

Lab results

summaries of contractor's site visits

Hazardous Substance/Waste Types:

stove oil, waste oil, diesel, solvents

waste solvent: D001

Manner of Release:

Line leaks or spill/overspill practices; tank leaks. Time of release unknown, leaks occurred over time.

Site

Database(s)

EDR ID Number EPA ID Number

CONSOLIDATED FREIGHTWAYS INC. (Continued)

S101839102

Pathways & Other Hazards:

The cleanup standard employed was to remove visibly contaminated soils and soils with light petrol odor. Slightly contaminated soils (light odors, no staining, <10ppm TLV reading with OVA)

were disposed of at St. John's landfill. Highly contaminated soils were disposed of at Reidel landfill. Significant contamination remained on site (high soil/gas readings - up to 3000 ppm). An organic vapor venting system was designed and installed to control vapor migration. The dry well may have been filled before sampling standing water. May not have been closed in accordance with OAR 340-44-040.

Remedial Action:

6744 cu. yds lightly contaminated soils disposed at of at St. John's Landfill; 888 cu. yds heavily contaminated solls disposed of at Reidel; vapor control venting system (passive) installed under newly constructed building foundation. (12/20/90 MJM) Medium priority; site would meet listing standards except the lab information does not indicate the EPA analytical method used. (11/3/92 MAF/LUST) Options letter sent; contamination exists at the site. The scope of investigation has grown beyond the role of the LUST program, release of chlorinated solvents impacting groundwater referred to the

DEQ/SAS.

Site Location:

Area bounded by NW Savier, NW Thurman, NW 21st, and NW 22nd

Block 294 'Couch's Addition'

Party Affiliation: None Reported:

Site Status:

Not reported

Assoc Date:

Not reported

Permit Number:

033132812

Permit Type:

ID#

Permit Agency:

EPA

Prmt Comments: Not reported

Common Name: Consolidated Freightways Inc. Years/Operation: Not reported

Operation Status: Active

Most Recent FLag:

Yes

Oper. Comment: Fuel depot

Administrative Action:

Responsible party notified re 11/88 Inventory listing

Listing Action Admnstrtv Category:

0

Comments:

Not reported

Start Date:

30-NOV-88

Completion: FRT Action Priority: 31-DEC-99

Staff Number: Rank Value:

Not reported

Agency:

Not reported Dept of Env. Quality

Region: Not reported

Administrative Action:

Listing Review completed

Admnstrtv Category:

Listing Action

Comments:

Not reported

Start Date: Staff Number: 20-DEC-90

Completion: FRT Action Priority: 20-DEC-90 Not reported

Rank Value:

177 Ω

Agency:

Dept of Env. Quality

Region:

Not reported

Site

Database(s)

EDR ID Number EPA ID Number

CONSOLIDATED FREIGHTWAYS INC. (Continued)

S101839102

Administrative Action:

Insufficient information to list

Admnstrtv Category: Comments:

Listing Action

Not reported

Start Date:

20-DEC-90

Staff Number: 177 Rank Value:

n

Not reported

Region:

Administrative Action: SITE EVALUATION

Remedial Action

Remedial Action

Admnstrtv Category:

Comments: Start Date:

Not reported 19-DEC-90

Staff Number:

177

0

Rank Value:

Not reported

Completion:

Completion:

Agency:

FRT Action Priority:

FRT Action Priority:

Agency:

Agency:

Not reported

19-DEC-90

31-DEC-99

Not reported

Dept of Env. Quality

Dept of Env. Quality

Administrative Action: State Basic Preliminary Assessment recommended (PA)

Admnstrtv Category: Comments:

Region:

Not reported

Start Date: Staff Number: 21-DEC-90

177

Completion:

FRT Action Priority:

MED Dept of Env. Quality

21-DEC-90

Rank Value: Not reported

Region:

Administrative Action: Site added to database Administrative Action Admnstrtv Category:

Comments: Start Date:

Not reported 27-JUN-88

Staff Number: 124

Rank Value:

0

Region:

Not reported

ECSF Desc.:

Completion:

31-DEC-99

FRT Action Priority:

Not reported

Agency:

Dept of Env. Quality

Not reported

46 ESE 1/4-1/2 MILL HOT

1811 NW NAITO PKWY

PORTLAND, OR

Higher

LUST: Facility ID: Clean Lead:

Closed Date:

26-88-0099

Not reported Not reported Region:

Cleanup Start Date: Cleanup Completion: NWR

28-NOV-88 Not reported

47 SW 1/4-1/2 Higher **CONSOLIDATED FREIGHTWAYS**

2222 NW RALEIGH

PORTLAND, OR 97208

UST LUST

LUST

U000432350 N/A

S102418269

N/A

LUST:

Facility ID: Clean Lead: Closed Date: 26-92-0025 RP 05/15/1997

Region:

Cleanup Start Date:

NWR 06-FEB-92

Cleanup Completion:

03-DEC-96

UST:

Facility ID:

1994

Facility Tel:

(415) 327-9730

Consolidated Freightways Not reported

Permittee: Num of Active Tanks:

Num of Decommissioned Tanks

Direction Distance Elevation	Site		······································			Database(s)	EDR ID Number
48 NW 1/4-1/2 Higher	HELSER MACHIN 2401 NW 22ND AV PORTLAND, OR 9	/E				LUST	S100497024 N/A
	LUST: Facility ID: Clean Lead: Closed Date:	26-92-0053 Not reported Not reported		Region: Cleanup Start Date: Cleanup Completion:	NWR Not repor		
49 NW 1/4-1/2 Higher	GRIFFITH RUBBE 2249 N.W. 22ND PORTLAND, OR S					LUST	S100497271 N/A
	LUST: Facility ID: Clean Lead: Closed Date:	26-89-0022 RP 07/07/1989		Region: Cleanup Start Date: Cleanup Completion:	NWR 22-NOV-8 06-MAY-8		
50 South 1/4-1/2 Higher	AITCHISON, P HO 1313 NW 19TH AV PORTLAND, OR					LUST	S100500604 N/A
	LUST: Facility ID: Clean Lead: Closed Date:	26-91-0243 Not reported Not reported		Region: Cleanup Start Date: Cleanup Completion:	NWR Not report		
51 WNW 1/4-1/2 Higher	HAMPEL ENTERP 2233 NW 23RD PORTLAND, OR 9					UST LUST	U000432456 N/A
	LUST: Facility ID: Clean Lead: Closed Date:	26-88-0135 Not reported 11/16/1992		Region: Cleanup Start Date: Cleanup Completion:	NWR 16-NOV-9 16-NOV-9		
	UST: Facility ID: Permittee: Num of Active 1 Num of Decomi	6318 Not reported Fanks: missioned Tanks	Not reported	Facility Tel:	Not report	ted	
52 South 1/4-1/2 Higher	HENDRIX MOTOR 1947 NW OVERTO PORTLAND, OR 9	N ST				LUST	S100497224 N/A
	LUST: Facility ID: Clean Lead: Closed Date:	26-89-0095 Not reported 08/04/1989		Region: Cleanup Start Date: Cleanup Completion:	NWR 22-MAY-8 04-AUG-8		

Direction Distance Elevation	Site				Database(s)	EDR ID Numb
53 NNW 1/4-1/2 Higher	PGE-SUBSTATION 2635 NW FRONT A PORTLAND, OR				LUST	S100764166 N/A
	LUST:					
	Facility ID:	26-93-0227	Region: Cleanup Start Date:	NWR	. ui	
	Clean Lead: Closed Date:	Not reported Not reported	Cleanup Start Date: Cleanup Completion:	Not reporte Not reporte		
54 NW 1/4-1/2 Higher	KEVEDY INC. 2211 NW NICOLAI PORTLAND, OR 9				LUST	S100500598 N/A
	LUST:					
	Facility ID:	26-96-0515	Region:	NWR		
	Clean Lead:	Not reported	Cleanup Start Date:	Not reporte		
	Closed Date:	Not reported	Cleanup Completion:	Not reporte	ed	
	Facility ID:	26-91-0190	Region:	NWR		
	Clean Lead:	Not reported	Cleanup Start Date:	15-MAY-91		
	Closed Date:	07/27/1994	Cleanup Completion:	27-JUL-94		
55 SW 1/4-1/2 Higher	WILL VINTON STU 1400 NW 22ND AV PORTLAND, OR 9	E			LUST	S101385035 N/A
	LUST:					
	Facility ID:	26-94-0207	Region:	NWR		
	Clean Lead:	Not reported	Cleanup Start Date:	04-NOV-94		
	Closed Date:	05/05/1995	Cleanup Completion:	14-FEB-95		
56 South 1/4-1/2 Higher	NORTH COAST CA 1235 NW 19TH AVI PORTLAND, OR 9	-			LUST	S102778355 N/A
57	BELVEDERE APAI	RTMENTS HOT			 Lust	S100500643
South	1204 NW 20TH AVE					N/A
1/4-1/2 Higher	PORTLAND, OR					
	LUST:	00 00 0070	Danisa	MAND		
	Facility ID: Clean Lead:	26-92-0076 Not reported	Region: Cleanup Start Date:	NWR Not reporte	d	
	Closed Date:	Not reported	Cleanup Completion:	Not reporte		
58	DREW PAINTS INC				LUST	S102417410
SW 1/4-1/2	1525 NW 23RD AVI PORTLAND, OR 9					N/A
/"" F / #	TOTTE AND, OH B	- L-				

Distance							EDR ID Numbe
Elevation	Site					Database(s)	EPA ID Numbe
	DREW PAINTS IN	C. (Continued)					S102417410
	LUST:			_			
	Facility ID: Clean Lead:	26-96-0448 RP		Region: Cleanup Start Date:	NWR 30-JUL-96		
	Closed Date:	10/21/1996		Cleanup Completion:	17-OCT-96		
M59 SE 1/4-1/2 Higher	ROSENFELD CON 1428 NW 14TH AV PORTLAND, OR		ERTY			LUST	S100500562 N/A
	LUST:						
	Facility ID:	26-90-0213		Region:	NWR		
	Clean Lead: Closed Date:	RP 10/23/1990		Cleanup Start Date: Cleanup Completion:	12-JUN-90 23-OCT-90		
M60 SE 1/4-1/2	DIRECT MAIL/MAI 1421 NW 14TH PORTLAND, OR 9					UST LUST	U000432379 N/A
Higher	LIOT.						
	LUST: Facility ID: Clean Lead: Closed Date:	26-90-0407 Not reported Not reported		Region: Cleanup Start Date: Cleanup Completion:	NWR 22-DEC-88 Not reporte		
	UST: Facility ID: Permittee: Num of Active T Num of Decomi	5581 Not reported Tanks: missioned Tanks	Not reported 0	Facility Tel:	Not reporte	d	
61 SSE 1/4-1/2 Higher	PRO TRUCK LINES 1721 NW NORTHR PORTLAND, OR 9	UP .				UST LUST	U000432406 N/A
•	LUST:						
	Facility ID: Clean Lead:	26-93-0140 Not reported		Region:	NWR Not reporte		
		MOUTEUR CHI			MOLIGOORE	u	
	Closed Date:	Not reported		Cleanup Start Date: Cleanup Completion:			
					Not reporte		
	Closed Date: UST: Facility ID:	Not reported 5191				đ	
	Closed Date: UST: Facility ID: Permittee: Num of Active T	Not reported 5191 Not reported	Not reported 0	Cleanup Completion:	Not reporte	đ	
Vest /4-1/2	Closed Date: UST: Facility ID: Permittee: Num of Active T	Not reported 5191 Not reported Fanks: missioned Tanks	0	Cleanup Completion:	Not reporte	đ	S100500657 N/A
Vest /4-1/2	Closed Date: UST: Facility ID: Permittee: Num of Active T Num of Decomm SUPER ONE, INC. SW CORNER OF 24 PORTLAND, OR LUST:	Not reported 5191 Not reported Fanks: missioned Tanks 4TH / NW VAUG	0	Cleanup Completion: Facility Tel:	Not reporte	d d	
52 Vest I/4-1/2 Higher	Closed Date: UST: Facility ID: Permittee: Num of Active T Num of Decomr SUPER ONE, INC. SW CORNER OF 24 PORTLAND, OR	Not reported 5191 Not reported Fanks: missioned Tanks	0	Cleanup Completion:	Not reporte	d d LUST	

ion ice							EDR ID Nu
ion	Site				·	Database(s)	EPA ID Nu
2 r	FOOD FRONT 2375 NE THURMAN PORTLAND, OR	ı				LUST	S10050066 N/A
	LUST:						
	Facility ID:	26-92-0289		Region:	NWR		
	Clean Lead: Closed Date:	RP 01/07/1993		Cleanup Start Date: Cleanup Completion:	06-OCT-92 07-JAN-93		
V 2425 NW 23RD P	POWER SUBSTATION 2425 NW 23RD PL PORTLAND, OR 97	•	IS. & STOR.)			LUST	S10049727 N/A
	LUST:						
	Facility ID:	26-89-0178		Region:	NWR		
	Clean Lead:	RP		Cleanup Start Date:	24-AUG-89	•	
	Closed Date:	10/25/1990		Cleanup Completion:	07-SEP-89		
: *	U'REN, D HOT 2287 NW PETTYGR PORTLAND, OR 97					LUST	S102076070 N/A
	LUST:						
	Facility ID:	26-91-0364		Region:	NWR		
	Clean Lead:	RP		Cleanup Start Date:	18-SEP-91		
	Closed Date:	12/23/1991		Cleanup Completion:	23-DEC-91		
	PRO PHOTO SUPPL	.Y				LUST	S10252093
<u>}</u>	1112 NW 19TH AVE PORTLAND, OR 97	209					N/A
	LUST:						
	Facility ID:	26-97-0147		Region:	NWR		
	Clean Lead: Closed Date:	Not reported Not reported		Cleanup Start Date: Cleanup Completion:	Not reporte Not reporte		
	LEAVENS, N HOT 2336 NW QUIMBY S	•				LUST	S101385037 N/A
	PORTLAND, OR 97						1, - 4
	LUST:						
	Facility ID:	26-95-5044		Region:	NWR		
	Clean Lead:	Not reported		Cleanup Start Date:	Not reporte		
	Closed Date:	Not reported		Cleanup Completion:	Not reporte	u 	
	FOREST PARK POS						S100497333

Higher

Map ID Direction						
Distance Elevation	Site				Database(s)	EDR ID Numbe
	FOREST PARK PO	OST OFFICE HOT (Continued)				S100497333
	LUST:					
	Facility ID: Clean Lead:	26-92-6020 Not reported	Region: Cleanup Start Date:	NWR Not report	od.	
	Closed Date:	Not reported	Cleanup Completion:	Not report		
N69 SW 1/4-1/2 Higher	MURPHY, H HOT (2355 NW QUIMBY PORTLAND, OR S				LUST	S102590006 N/A
-	LUST:					
	Facility ID: Clean Lead: Closed Date:	26-97-0328 Not reported 06/26/1997	Region: Cleanup Start Date: Cleanup Completion:	NWR 28-APR-9 25-JUN-9		
70 SSW 1/4-1/2	ASTRO QUIK MAP 1111 NW 21ST PORTLAND, OR 9				UST LUST	U000433428 N/A
Higher						
	LUST: Facility ID: Clean Lead: Closed Date:	26-90-0090 RP 02/27/1991	Region: Cleanup Start Date: Cleanup Completion:	NWR 09-MAR-9 27-FEB-9		
	UST:		, , , , , , , , , , , , , , , , , , , ,			
	Facility ID: Permittee: Num of Active	6216 Western Stations Company Fanks: Not reported missioned Tanks 3	Facility Tel:	(503) 243-	7713	
71 WNW 1/4-1/2 Higher	RIEMERS & JOLIV 2344 NW 24TH AVI PORTLAND, OR 9	E			LUST	S100497273 N/A
	LUST:					
	Facility ID:	26-89-0099	Region:	NWR		
	Clean Lead: Closed Date:	RP 08/10/1989	Cleanup Start Date: Cleanup Completion:	23-MAY-89 01-AUG-89	-	
72 SW 1/4-1/2 Higher		IOMES - PETTIGROVE LOT BETWEEN N.W. 23RD / 7209			LUST	S100497227 N/A
	LUST:					
	Facility ID:	26-90-0036	Region:	NWR		
	Clean Lead: Closed Date:	RP 04/18/1990	Cleanup Start Date: Cleanup Completion:	17-JAN-90 18-APR-90		
3 :W /4-1/2 ligher		IOMES - OVERTON LOT ETWEEN N.W. 23RD / 2 7209			LUST	S100497228 N/A

Map ID Direction Distance Elevation

Site

Database(s)

EDR ID Number EPA ID Number

METROPOLITAN HOMES - OVERTON LOT (Continued)

S100497228

LUST:

Facility ID:

Clean Lead:

Closed Date:

26-90-0037 01/25/1990

RP

Region:

Cleanup Start Date:

Investigation Status:

Coordinator Supplier:

Tax Lots:

Tax Lots:

ECFS Code:

Range Zone:

Dunsnumber:

Qtr Section:

Acc:

Code:

Township Zone:

NWR 17-JAN-90

Cleanup Completion:

25-JAN-90

Not reported

Not reported

Not reported

Not reported

Not reported

Ν

Ε

74 NW 1/2-1 Higher

STATES BATTERY CO. 2258 NW SUFFOLK ST

SHWS

Suspect Site - Needs Investigation

Bournes Add. TL 1, Blks 1 & 4

Bournes Add. TL 1, Blks 1 & 4

S101839014

N/A

PORTLAND, OR 97210

ECSI:

FIPS Cnty Code: Not reported No

Study Area: Cerclis ID:

Orphan:

980984686

No 45.543 / 122.698

Not reported

Not reported

Not reported

Not reproted

Lat/Long: Township Coord.: 1.00 1.00

Range Coord .: Section Coord.: 28

Lat/Long:

Total Tanks: Status:

Address: Substance:

Quant. Released: Not reproted Date: Not reproted

Alias Name:

General Battery Corp. - NW Suffolk ST

Oregon Metal Slitters Not reported

2258 NW Suffolk ST

Texto:

Release Desc.: Not reported

Sampling Start:

Sample Depth: Not reported Sampling Result: Not reported Obsrvtn Indicator: Not reported

Owner/Operator: Not reported

Medium Description: Minimum Concentration Valve: Maximum Concentration Valve:

Not reported

Not reported

Not reported

Not reported

Sampling End:

Not reported

Lab Data Indicator:

Not reported

Contamination:

States Battery Company operated at this location between 1945 and 1960. Between 1958 and 1960, the Oregon Board of Health found high levels of lead in workers' blood, and unhealthful levels of lead in air samples taken in the building. Little or no information is available about States' operating practices at this site. A 1987 PA expressed concern about the potential for lead wastes to have been disposed of on-site, and to have contaminated the nearby Willamette River. Oregon Metal Slitters, a company that generates steel/aluminum scrap waste and miscellaneous lumber waste, and recycles lubricants used in its cutting operations, has occupied this site and the adjacent property at 2245 NW Suffolk since 1971. Blue Mountain Hide and Wool did business at this location sometime between 1960 and 1969, when the building burned down. General Battery Co., a successor company to States, prepared a site history for the General Battery facility in SE Portland (ECSI #45) as part of the investigation at that site. Some of the information provided in that 1987 site history and process description might apply to this company's operations at the 2258 NW Suffolk St. site. For example, in citing possible sources of sulfuric acid and lead contamination at the SE Portland

Site

Database(s)

EDR ID Number EPA ID Number

STATES BATTERY CO. (Continued)

S101839014

site, General Battery referred to exterior acid storage and cutting areas, and areas where battery oxide pastes were mixed and applied to cells.

Data Sources:

EPA CERCLA Preliminary Assessment; Health Service reports from the late 1950s; site history and process information for General Battery's former southeast

Portland facility (ECSI file #45).

Hazardous Substance/Waste Types:

Lead and possibly other heavy metals such as arsenic and zinc. Also possibly

PCBs.

Pathways & Other Hazards:

Possible soil, groundwater and surface water contamination. Possible abandoned

treatment pond close to the Willamette River.

Site Location:

From NW Nicolai, turn northwest onto NW Yeon Ave, turn northeast onto

Suffolk.

Party Affiliation: None Reported:

Site Status: Assoc Date:

Not reported Not reported

Permit Number: Unknown

Permit Type:

Unknown

Permit Agency:

Unknown

Prmt Comments: General Battery (new site) a TSDF & generator of +1000 kg/mo

Common Name: States Battery Co.

Years/Operation: 1945-1960

Operation Status: Active

Most Recent FLag:

Yes

Oper. Comment: Was a lead/acid battery plant.

Administrative Action:

No Further Remedial Action Planned under Federal program

Agency:

Admnstrty Category: **EPA Led Action**

Comments: Start Date:

Not reported

12-FEB-88

Completion:

12-FEB-88

Staff Number: Rank Value:

Not reported

FRT Action Priority:

Not reported **EPA**

Not reported Region:

Administrative Action: Admnstrtv Category:

EPA Basic Preliminary Assessment **EPA Led Action**

Comments:

Not reported

Start Date:

Region:

30-SEP-87

Completion:

30-SEP-87

Staff Number:

Not reported

FRT Action Priority: Agency:

Not reported

Rank Value:

Not reported

EPA

Administrative Action:

Admnstrtv Category:

Site Screening recommended (EV) Remedial Action

Comments:

Not reported

Start Date:

12-FEB-94

Completion:

12-FEB-94 Not reported

Staff Number: Rank Value:

107 0

0

FRT Action Priority: Agency:

Dept of Env. Quality

Region:

Not reported

Map ID Direction Distance Elevation

Site

Database(s)

EDR ID Number EPA ID Number

STATES BATTERY CO. (Continued)

S101839014

Administrative Action: Admnstrty Category:

Site added to database Administrative Action

Comments:

Not reported

Start Date:

15-APR-88

Completion: FRT Action Priority: 31-DEC-99

Staff Number: Rank Value:

0

123

Not reported

Region:

Not reported

Agency:

Dept of Env. Quality

Administrative Action:

Site added to CERCLIS

Admnstrty Category:

EPA Led Action

Comments: Start Date:

Not reported 21-FEB-86

Completion:

31-DEC-99

Staff Number:

Not reported

FRT Action Priority: Agency:

Not reported **EPA**

Rank Value: Region:

0

Not reported

EPA Preliminary Assessment 2

Administrative Action: Admnstrtv Category:

EPA Led Action

Comments:

Not reported

Completion:

12-FEB-88

Start Date: Staff Number:

11-FEB-88 Not reported

FRT Action Priority:

Not reported

Rank Value:

Agency:

EPA

Region:

Not reported

Administrative Action:

SITE EVALUATION Remedial Action

Admnstrtv Category: Comments:

Not reported

Start Date:

State screening. 05-MAR-97

Completion:

31-DEC-99

Staff Number:

283

FRT Action Priority:

Not reported

Rank Value:

Agency:

Dept of Env. Quality

Region:

Northwest

ECSF Desc.:

Not reported

75 NNW 1/2-1 Higher SULZER BINGHAM PUMPS INC

2800 NW FRONT AVE PORTLAND, OR 97210

RCRIS-SQG 1000234729 **FINDS** ORD009024605

TRIS UST **OR SPILLS** SHWS

OR CRL

RCRIS:

Owner:

THOMAS DAVIS

(503) 226-5591

Contact:

THOMAS DAVIS

(503) 226-5212

Record Date:

12/31/96

Classification:

Small Quantity Generator

Site

Database(s)

EDR ID Number **EPA ID Number**

SULZER BINGHAM PUMPS INC (Continued)

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

ECSI:

Study Area: Cerclis ID:

No

Not reported

Orphan: Lat/Long:

Township Coord.: 1.00

Range Coord.: Section Coord.:

Lat/Long:

Total Tanks: Status:

Address:

TETRACHLOROETHYLENE Substance:

Date: unknown

Quant. Released: unknown

Substance: Quant, Released: unknown

Quant, Released: unknown

Date: unknown BENZENE Substance: Quant. Released: unknown

Quant. Released: unknown Date:

Quant. Released: unknown

Substance:

Substance: **ETHYLBENZENE**

Date: unknown **TOLUENE** Substance: Quant. Released: unknown Date: unknown

Substance: **XYLENEs** Quant. Released: unknown Date: unknown

Bingham International Alias Name: Bingham Willamette

Not reported Texto: Release Desc.: Not reported

TC1224259.1p Page 34

1000234729

- Facility is monitored or permitted for air emissions under the Clean Air Act (under AFS/AIRS)

Investigation Status:

Coordinator Supplier: Tax Lots: ECFS Code:

Tax Lots: Township Zone: Range Zone:

Qtr Section: Dunsnumber: Acc: Code:

Listed on Confirmed Release List

Not reported Not reported **AUTHO** Not reported N

E Not reported Not reported Not reported

Η

FIPS Cnty Code: Not reported

No

45.544 / 122.694

1.00 28

Not reported

Not reported Not reported

2800 NW Front AVE

Quant. Released: unknown

Substance: TRICHLOROETHYLENE

Date: unknown **FUEL OIL** Date: unknown

VINYL CHLORIDE Substance:

Date: unknown

Site

Database(s)

EDR ID Number EPA ID Number

SULZER BINGHAM PUMPS INC (Continued)

1000234729

Sampling Start: Sample Depth:

Not reported Not reported

Sampling End:

Not reported

Sampling Result: Not reported Obsrvtn Indicator: Not reported

Owner/Operator: Not reported

Lab Data Indicator:

Not reported

Medium Description: Minimum Concentration Valve: Maximum Concentration Valve: Not reported Not reported Not reported

Contamination:

Soil and groundwater contamination discovered on-site in 1990 during removal of 12 USTs. Contamination associated with gasoline and waste oil tanks was significant and required further excavation. Removal of all contaminated soil from these two UST pits could not be accomplished because further excavation could have jeopardized the structural integrity of existing buildings and other infrastructure. Sulzer Bingham operated a pump-and-treat groundwater remediation system until September 1993 (under the guidance of DEQ's UST Section, file #26-90-334), after the recovery well began drawing in water contaminated with heavy hydrocarbons not associated with the former USTs. Groundwater remains contaminated with BTEX and chlorinated solvents.

Hazardous Substance/Waste Types:

Petroleum products and chlorinated solvents

Health Threats:

Soil and groundwater contamination.

Manner of Release:

Leaking USTs and possibly surface spills.

Remedial Action:

The groundwater remediation program operated between November 1991 and September 1993, and succeeded in removing most gasoline and light hydrocarbons from groundwater. Sulzer Bingham stopped groundwater treatment when the recovery well began to pull in a plume of groundwater contaminated with unknown heavy hydrocarbons that were passing through the system and causing violations of the NDPES permit for wastewater discharge. DEQ's UST Section has been overseeing this treatment program; recent site activity has been limited to semi- annual sampling of on-site monitoring wells. Site Assessment recommends further investigation of chlorinated solvents and potentially PCBs in groundwater, under a low-to-medium priority.

Party Affiliation: None Reported:

Site Status:

Not reported

Assoc Date:

Not reported

Permit Number:

Not reported

Permit Agency:

Not reported

Prmt Comments: Not reported

Permit Type:

Not reported

Common Name: Suizer Bingham Pumps

Years/Operation: unknown

Operation Status: Active

Most Recent FLag:

Yes

Oper. Comment: Pump manufacturing facility

Site

Database(s)

EDR ID Number EPA ID Number

SULZER BINGHAM PUMPS INC (Continued)

1000234729

Administrative Action: SITE EVALUATION Remedial Action Admnstrtv Category:

Comments:

Rai Peterson/NWR

Start Date: Staff Number:

Not reported

27-AUG-92

0

Completion:

FRT Action Priority:

27-AUG-92 Not reported

Agency:

Dept of Env. Quality

Region:

Rank Value:

Northwest

Administrative Action: Admnstrtv Category:

Listing Action

Listing Review completed

Comments: Start Date:

Not reported

28-AUG-92 Staff Number:

Not reported

FRT Action Priority: Agency:

Completion:

28-AUG-92 Not reported Dept of Env. Quality

Rank Value: 0

Region: Administrative Action:

Northwest

Proposal for Confirmed Release List recommended

Listing Action Admnstrtv Category:

Comments:

Not reported

Start Date: 29-AUG-92 Staff Number: Not reported

Completion:

29-AUG-92 FRT Action Priority: Not reported Agency: Dept of Env. Quality

£ Rank Value:

Region:

Northwest

Administrative Action: Site added to database Admnstrtv Category: Administrative Action

Comments:

Not reported Start Date: 28-AUG-92 Staff Number: 202

Completion:

FRT Action Priority: Agency:

Not reported Dept of Env. Quality

31-DEC-99

Rank Value: 0 Region: Not reported

SITE PRIORITY EVALUATION FOR FURTHER ACTION Administrative Action: Remedial Action

Admnstrtv Category: Federal Screening Comments:

06-JUN-95 283 Staff Number:

Completion:

13-JUL-95 FRT Action Priority: Not reported

Rank Value: Region:

Start Date:

a Northwest Agency:

Dept of Env. Quality

Administrative Action:

Proposal for Confirmed Release List recommended Listing Action

Admnstrty Category:

Not reported

Comments: Start Date: Staff Number:

07-JUN-95

283

Completion: FRT Action Priority: Agency:

07-JUN-95 Not reported Dept of Env. Quality

Rank Value: Region:

Northwest

Remedial Action recommended (RA)

Administrative Action: Admnstrtv Category:

Remedial Action

Comments:

Staff Number:

RP conduct further groundwater investigation.

Start Date: 13-JUL-95

Completion:

FRT Action Priority: Agency:

13-JUL-95 **LMED** Dept of Env. Quality

Rank Value:

283 O

Northwest Region:

MAP FINDINGS

Map ID Direction Distance Elevation

Site

Database(s)

EDR ID Number EPA ID Number

SULZER BINGHAM PUMPS INC (Continued)

1000234729

Administrative Action:

Facility proposed for Confirmed Release List

Admnstrty Category:

Listing Action

Comments:

Not reported

Start Date:

04-OCT-95

Staff Number: 283 0

Completion: FRT Action Priority: 04-OCT-95 Not reported

Rank Value:

Agency:

Dept of Env. Quality

Region: Northwest

Administrative Action:

Facility placed on Confirmed Release List

Admnstrtv Category:

Listing Action

Comments: Start Date:

Not reported 10-FEB-96

Completion: FRT Action Priority: 10-FEB-96 Not reported

Staff Number: Rank Value:

283 0

Agency:

Dept of Env. Quality

Northwest Region:

ECSF Desc.:

Owner, operator or other party under state or federal authority

OR SPILLS:

Facility ID: Material:

0-1683 **MERCURY** Spill Date: Quantity:

Year:

12-04-1990 2 LBS Not reported

Release Date: How Occurred: Not reported PUMP BLOWBY

Location: Not reported Description: Not reported

OR CRL:

Facility ID:

1235 Media Affected: **GROUNDWATER SOIL**

Current Program: Site Response Section Phase I - Remedial investigation and feasibility studies have not been Cleanup Status:

initiated

Substances:

BENZENE DICHLOROETHYLENE,1,2-CIS-ETHYLBENZENE FUEL OIL

TETRACHLOROETHYLENE TOLUENE TRICHLOROETHYLENE VINYL CHLORIDE XYLENES

UST:

Facility ID:

6835

Facility Tel:

(503) 226-5531

Permittee: Sulzer Bingham Pumps Inc Num of Active Tanks:

Not reported

Num of Decommissioned Tanks

76 West 1/2-1 Higher **ESCO PLANT #3** 2141 NW 25TH AVE PORTLAND, OR 97210 SHWS

Suspect Site - Needs Investigation

S101838402

N/A

ECSI:

FIPS Cnty Code: Not reported Study Area:

Cerclis ID: Orphan:

No Not reported

No

Not reported

45,538 / 122,702 Lat/Long: Township Coord.: 1.00

Range Coord.: 1.00 Section Coord.:

Lat/Long: Total Tanks:

Not reported Not reported Status: Address: 2141 NW 25th AVE

ECFS Code: Tax Lots: Township Zone:

Tax Lots:

Investigation Status:

Coordinator Supplier:

Not reported Not reported Ν

UPS - 3010

Not reported

Range Zone:

Qtr Section: Not reported Dunsnumber: Acc:

Not reported Not reported

Code:

Site

Database(s)

EDR ID Number **EPA ID Number**

UNOCAL SERVICE STATION #0738 (Continued)

S101839319

The other pocket of contamination, on the north and east property boundries (which cannot be removed without undermining adjacent streets) is believed to have biodegraded also but has not been resampled.

Data Sources:

Soil and Groundwater Investigation Report. Correspondence FROM owner and/or operator.

Hazardous Substance/Waste Types:

petroleum

Manner of Release:

Probably leaking underground storage tanks. Time of release: unknown

Pathways & Other Hazards:

No hazardous levels of contaminants have been detected in the groundwater.

Remedial Action:

(6/29/93 KPD/SAS) Most of the contaminants have probably biodegraded since the site was excavated in July 1990. However, Site Assessment recommends sampling on the north and east property boundaries to confirm this. After the sampling

is performed, the results will be reviewed to determine if an NFA

recommendation is appropriate. (LSK/SAS) Options letter sent 7/19/93.

Site Location:

SE corner of NW 18th AVE and NW Lovejoy ST

None Reported: Party Affiliation:

Site Status:

Not reported

Assoc Date:

Not reported

Permit Number: Not reported

Permit Type:

Not reported

Permit Agency: Not reported

Prmt Comments: Not reported

Common Name: Unocal Service Station #0738 Years/Operation: unknown

Operation Status: Inactive

Most Recent FLag:

Yes

Oper. Comment: Service station

Administrative Action:

SITE EVALUATION Remedial Action

Admnstrtv Category: Comments:

Not reported

Start Date:

29-JUN-93

Completion:

01-JUL-93 Not reported

Staff Number:

229

FRT Action Priority: Agency:

Dept of Env. Quality

Rank Value: Region:

0 **Head Quarters**

Administrative Action: Admnstrtv Category:

Insufficient information to list

Comments:

Listing Action

Start Date:

Not reported 01-JUL-93

Completion:

31-DEC-99

Staff Number:

229 0

FRT Action Priority: Agency:

Not reported Dept of Env. Quality

Rank Value: Region:

Head Quarters

MAP FINDINGS

Map ID Direction Distance Elevation

Site

Database(s)

EDR ID Number EPA ID Number

UNOCAL SERVICE STATION #0738 (Continued)

S101839319

Administrative Action:

Listing Review completed

Admnstrtv Category:

Listing Action

Comments:

Not reported

Start Date:

30-JUN-93

229

Completion:

30-JUN-93

Staff Number:

0

FRT Action Priority:

Not reported

Rank Value: Region:

Agency:

Dept of Env. Quality

Administrative Action:

Head Quarters

Admnstrty Category:

Site Confirmatory Sampling recommended

Comments:

Remedial Action

Start Date:

Not reported 02-JUL-93

Completion:

02-JUL-93

Staff Number:

229

FRT Action Priority:

0

Not reported

Rank Value:

Region:

Head Quarters

Agency:

Dept of Env. Quality

Administrative Action:

Site added to database Administrative Action

Admnstrtv Category: Comments:

Not reported

29-JUN-93

Completion:

31-DEC-99

Start Date: Staff Number:

229

FRT Action Priority:

Investigation Status:

Coordinator Supplier:

Tax Lots:

Tax Lots:

ECFS Code:

Range Zone:

Qtr Section:

Acc:

Code:

Dunsnumber:

Township Zone:

Not reported

Rank Value:

Region:

Head Quarters

Agency:

Dept of Env. Quality

No Further Action

Not reported

Not reported

Not reported

Not reported

Not reported Not reported

Not reported

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ECSF Desc.:

Owner, operator or other party under state or federal authority

78 SE 1/2-1 Higher WILBUR-ELLIS CO. - PORTLAND 1220 NW MARSHALL ST PORTLAND, OR 97209

SHWS

N/A

ECSI:

FIPS Cnty Code: Not reported

Study Area:

No

Cerclis ID:

027764349

Orphan:

No

1.00

Lat/Long:

45.531 / 122.683 Township Coord.: 1.00

Range Coord.:

Section Coord.:

Lat/Long:

28 Not reported Total Tanks: Not reported

Status: Address:

1220 NW Marshall ST

Substance:

Release Desc.:

Not reproted Quant. Released: Not reproted

Not reported

Date:

Not reproted

Alias Name: Texto:

Not reported Not reported Not reported

S101839270

TC1224259.1p Page 41

Site

Database(s)

EDR ID Number EPA ID Number

WILBUR-ELLIS CO. - PORTLAND (Continued)

S101839270

Sampling Start:

Not reported Not reported Sampling End:

Not reported

Sample Depth: Sampling Result: Not reported Obsrvtn Indicator: Not reported

Owner/Operator: Not reported

Lab Data Indicator:

Not reported

Medium Description:

Minimum Concentration Valve: Maximum Concentration Valve:

Not reported Not reported Not reported

Contamination:

(12/3/93 KPD/SAS) From 1953 until at least 1980, the facility was a warehouse and distribution center for agricultural chemicals and fertilizers. EPA investigated the site in 1980. A mosquitocide (Baytex) was formulated at the warehouse from Fenthion, an organo-phosphate pesticide. The mixing was done in the container the Fenthion was shipped in. Occasional spills of other materials in the warehouse were cleaned up with absorbent material, placed in

drums, and shipped to the Chem-Nuclear disposal site. EPA reviewed this information in a 1983 Preliminary Assessment (PA) and decided no further

action was necessary under the federal Superfund program.

Remedial Action:

(12/3/93 KPD/SAS) The warehouse is currently being used for distributing animal feed products. There is no indication that hazardous substances have been generated or disposed of at the site. Site Assessment recommends that no

further action be taken at this time. (KPD/SAS) NFA letter sent 3/14/94.

Party Affiliation:

None Reported:

Site Status:

Not reported

Assoc Date:

Not reported

Permit Number: Not reported Permit Type:

Not reported

Permit Agency:

Not reported Prmt Comments: Not reported

Common Name: Wilbur-Ellis Co.

Years/Operation: 1953 to present

Operation Status: Active

Most Recent FLag:

Yes

Oper. Comment: Warehouse and distribution center

Administrative Action:

EPA Basic Preliminary Assessment

Admnstrtv Category:

EPA Led Action

Comments:

Not reported

Start Date:

01-NOV-83 Not reported Completion:

28-SEP-84

Staff Number:

O

FRT Action Priority:

Not reported

Rank Value: Region:

Not reported

Agency:

EPA

Administrative Action:

SITE EVALUATION

Admnstrtv Category:

Remedial Action

Comments:

Not reported

Start Date:

03-DEC-93

Completion: FRT Action Priority: 03-DEC-93 Not reported

Staff Number: Rank Value:

229 0

Agency:

Dept of Env. Quality

Region:

Head Quarters

MAP FINDINGS

Map ID Direction Distance Elevation

Site

Database(s)

EDR ID Number EPA ID Number

WILBUR-ELLIS CO. - PORTLAND (Continued)

S101839270

Administrative Action:

NO FURTHER STATE ACTION REQUIRED

Admnstrtv Category:

Remedial Action

Comments:

Not reported

Start Date:

06-DEC-93

229

Completion: FRT Action Priority: 06-DEC-93 Not reported

Staff Number: Rank Value:

0

Agency:

Region:

Head Quarters

Dept of Env. Quality

Administrative Action:

No Further Remedial Action Planned under Federal program **EPA Led Action**

Admnstrtv Category:

Not reported

Comments: Start Date: Staff Number:

28-SEP-84 Not reported Completion: **FRT Action Priority:**

Agency:

28-SEP-84 Not reported

EPA

Rank Value:

O

Not reported

Administrative Action: Admnstrty Category:

Site added to database Administrative Action

Site added to CERCLIS

Comments:

Region:

Not reported

Start Date: Staff Number: 24-JAN-93

107

Completion: FRT Action Priority: 31-DEC-99 Not reported

Rank Value:

0

Agency:

Completion:

Agency:

Dept of Env. Quality

Region:

Head Quarters

Administrative Action:

Admnstrtv Category: Comments:

EPA Led Action

Not reported

24-MAR-80

31-DEC-99 FRT Action Priority: Not reported

EPA

Staff Number: Rank Value:

Start Date:

0

Not reported

Region:

Listing Review completed Administrative Action:

Admnstrty Category: Comments:

Listing Action Not reported

Start Date:

04-DEC-93

Not reported

Completion:

04-DEC-93

Staff Number: Rank Value:

229 Ω

FRT Action Priority: Agency:

Not reported

Head Quarters

Dept of Env. Quality

Region:

Administrative Action: Excluded from confirmed release definition Listing Action

Admnstrty Category: Comments:

05-DEC-93

No hazardous substances released or disposed of at site Completion:

31-DEC-99

Start Date: Staff Number:

229

FRT Action Priority: Agency:

Not reported Dept of Env. Quality

Rank Value: Region:

Head Quarters

ECSF Desc.:

Not reported

79 SSE 1/2-1 Higher PACIFIC STATES GALVANIZING INC

805 NW 14TH AVE

PORTLAND, OR 97209

FINDS RCRIS-LQG

TRIS

CERC-NFRAP SHWS

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported OTHER Ownership Status:

EPA Notes:

Not reported

Federal Facility: NO

NPL Status:

NOT ON NPL

1000251915

ORD980665350

Site

Database(s)

Suspect Site - Needs Investigation

EDR ID Number **EPA ID Number**

PACIFIC STATES GALVANIZING INC (Continued)

1000251915

CERCLIS-NFRAP Assessment History:

Assessment:

PRELIMINARY ASSESSMENT

Completed:

08/01/84

Assessment:

DISCOVERY

Completed:

11/01/79

Assessment:

SCREENING SITE INSPECTION

Completed:

12/31/87

CERCLIS-NFRAP Alias Name(s):

ACE GALVANIZING

RCRIS:

Owner:

TERRANCE AARNIO

(503) 692-8888

Contact:

ALEX MCMEEKIN

(503) 227-6152

Record Date:

12/31/96

Classification:

Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1995

<u>Waste</u>

Quantity (Lbs)

Waste

Quantity (Lbs)

D002

5282.20

D006

5282.20

D007

5282.20

D008

Investigation Status:

Coordinator Supplier:

Tax Lots:

Tax Lots: Township Zone:

ECFS Code:

Range Zone:

Qtr Section:

Acc: Code:

Dunsnumber:

5282.20

Not reported

Not reported

Not reported

Not reported

Not reported Not reported

AGREE

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Used Oil Recyc: No

Violation Status: No violations found

ECSI:

FIPS Cnty Code: Not reported

Study Area:

No

980665350

Cerclis ID:

Orphan:

No 45.529 / 122.684

Lat/Long: Township Coord.: 1.00 1.00

Range Coord.: 33

Section Coord.: Lat/Long:

Total Tanks:

Status:

Address:

Substance:

Not reported ZINC

805 NW 14th AVE

Not reported

Not reported

Quant. Released: unknown

Date:

Substance:

Quant. Released: unknown

Date:

unknown LEAD

unknown **CHROMIUM**

Substance:

Quant, Released: unknown

Date:

unknown

Alias Name:

ACE Galvanizing

Ace/Pacific

Texto:

Release area for listed substances: Process Area.

Release Desc.:

General Comments

Site

Database(s)

EDR ID Number EPA ID Number

PACIFIC STATES GALVANIZING INC (Continued)

1000251915

Sampling Start: Not reported

Not reported

Sampling End:

Not reported

Sample Depth: Sampling Result: Not reported Obsrvtn Indicator: Not reported

Owner/Operator: Not reported

Lab Data Indicator: Not reported

Not reported

Medium Description: Minimum Concentration Valve: Maximum Concentration Valve:

Not reported Not reported

Contamination:

(6/25/92 RMD/VCS) A release of zinc, chromium, and lead in the process area has been documented by a voluntary XPA, but it is below levels of concern for

these substances.

PSG terminated operations and performed facility decommissioning in May 1996.

Additional soil samples were collected below the process vats. Lead concentrations in process area soils exceeded the residential cleanup level of

200 mg/kg.

Data Sources:

Pacific States Galvanizing Inc., CERCLIS file 980665350 Inspection reports EPA CERCLA Preliminary Assessment Site Investigation Monitoring data Preliminary Assessment Part III Data Evaluation Report 2/92 VCP project file, 3/97

Hazardous Substance/Waste Types:

acids HCL & H2SO4 21,000 gal./yr; zinc, sodium hydroxide, zinc chloride,

ammonium chloride

Pathways & Other Hazards:

EPA has flagged this site NFA.

Remedial Action:

(6/25/92 RD/VCS) Based on Expanded PA data, no further action required at this

(7/18/96 MJM/VCS) New Letter Agreement with DEQ & PSG, VCP completed file review and recommended remedial measures. PSG prepared removal plan 11/96.

Public notice provided 12/96. Final remedial plan in preparation.

Site Location:

Lat. 450145

Long. 1224105

Substances of Concern:

Hydrochloric Acid, Suffuric Acid,

Zinc,

Sodium Hydroxide

Party Affiliation: None Reported:

Site Status:

Not reported

Assoc Date:

Not reported

Permit Number: 26-2982

Permit Type:

Air Quality (10/28/81-9/1/84)

Permit Agency:

DEQ

Prmt Comments: Not reported

Permit Number: 433-033 Permit Type:

Industrial Waste Discharge

Permit Agency:

City of Portland Prmt Comments: Not reported

Common Name: Pacific States Galvanizing

Years/Operation: 1967 to present

Operation Status: Active

Most Recent FLag:

Yes

Oper. Comment: Galvanizing plant which coats metal w/zinc plating.

Site

Database(s)

EDR ID Number EPA ID Number

PACIFIC STATES GALVANIZING INC (Continued)

1000251915

Administrative Action:

BASIC PRELIMINARY ASSESSEMENT

Admnstrtv Category:

Remedial Action

Comments:

Basic PA performed by Parametrix, further investigation recommended. Site is

being handled by the Voluntary Cleanup Section.

Start Date:

25-JAN-91

Completion:

28-JUN-91

Staff Number:

123

FRT Action Priority:

Not reported

Rank Value:

0

Agency:

Dept of Env. Quality

Region:

Head Quarters

Administrative Action:

Admnstrtv Category:

NEGOTIATIONS Remedial Action

Comments:

Not reported

Start Date: Staff Number:

11-APR-91 187

Completion:

30-JUN-92

Rank Value:

n

FRT Action Priority: Agency:

Not reported Dept of Env. Quality

Region:

Not reported

Administrative Action:

Admnstrtv Category:

Listing Review completed

Listing Action

Comments: Start Date:

Not reported

16-JUN-92

Completion:

Agency:

16-JUN-92

Staff Number:

187

FRT Action Priority:

Not reported

Dept of Env. Quality

Rank Value: 0

Not reported

Administrative Action:

Admnstrty Category:

Region:

EPA Screening Site Inspection 1 **EPA Led Action**

Comments:

Not reported

Start Date:

01-JAN-85

Completion:

31-DEC-87

Staff Number:

Not reported

FRT Action Priority:

Not reported

Rank Value:

Agency:

EPA

EPA

Region:

Not reported No Further Remedial Action Planned under Federal program

Administrative Action: **EPA Led Action** Admnstrtv Category:

Not reported

Completion:

31-DFC-87

Comments: Start Date: Staff Number:

31-DEC-87 Not reported

FRT Action Priority:

Rank Value:

Agency:

Not reported

Region: Not reported

EXPANDED PRELIMINARY ASSESSMENT

Administrative Action:

Remedial Action

Admnstrtv Category: Comments:

Not reported

10-DEC-91

Completion:

30-JUN-92

Start Date: Staff Number:

187 n

FRT Action Priority: Agency:

Not reported Dept of Env. Quality

Rank Value: Region:

Site

Database(s)

EDR ID Number EPA ID Number

PACIFIC STATES GALVANIZING INC (Continued)

1000251915

Administrative Action:

EPA Basic Preliminary Assessment

Admnstrty Category:

EPA Led Action

Comments:

Not reported

26-JUN-84 Start Date: Staff Number:

Not reported

Completion: FRT Action Priority:

Agency:

Completion:

Agency:

FRT Action Priority:

01-AUG-84 Not reported

17-JUN-92

Not reported

Dept of Env. Quality

EPA

Rank Value:

Region:

Not reported

NO FURTHER STATE ACTION REQUIRED Administrative Action:

Admnstrtv Category: Comments:

Remedial Action

Not reported 17-JUN-92

Start Date: Staff Number: Rank Value:

187

0

Not reported

Administrative Action: Site added to database

Admnstrtv Category:

Region:

Administrative Action Not reported

Comments: Start Date: Staff Number:

28-MAR-88

121

Completion: FRT Action Priority: Agency:

31-DEC-99 Not reported Dept of Env. Quality

Rank Value: Region:

Head Quarters

SITE EVALUATION Administrative Action: Remedial Action

Admnstrtv Category: Comments:

Staff Number:

Not reported Start Date:

24-JAN-91

123

O

Completion: FRT Action Priority: 24-JAN-91 Not reported

Agency:

Rank Value: Head Quarters Region:

Administrative Action: State Basic Preliminary Assessment recommended (PA) Admnstrtv Category: Remedial Action

Comments:

Not reported

Start Date: Staff Number: 24-JAN-91 123

Completion: FRT Action Priority: 24-JAN-91 Not reported

Rank Value: Region:

Agency:

Dept of Env. Quality

Dept of Env. Quality

Dept of Env. Quality

Administrative Action:

State Expanded Preliminary Assessment recommended (XPA)

Admnstrty Category: Remedial Action

Head Quarters

Comments: Start Date:

Not reported 09-DEC-91

Staff Number: 187 Completion: FRT Action Priority: 09-DEC-91 Not reported

Rank Value: 0

Administrative Action:

Region: Not reported

Agency:

Refer to RCRA Program Remedial Action

Admnstrtv Category: Comments:

Not reported

28-MAR-88 Not reported Completion: FRT Action Priority:

Agency:

31-DEC-99 Not reported Dept of Env. Quality

Start Date: Staff Number: Rank Value: Region:

Northwest

Site

Database(s)

EDR ID Number EPA ID Number

PACIFIC STATES GALVANIZING INC (Continued)

1000251915

Administrative Action: Admnstrtv Category:

Site added to CERCLIS

EPA Led Action

Comments:

Not reported 01-NOV-79

Start Date: Staff Number:

Not reported

Completion: FRT Action Priority:

Completion:

Completion:

Completion:

Agency:

FRT Action Priority:

Agency:

FRT Action Priority:

Agency:

FRT Action Priority:

31-DEC-99

31-JUL-96

31-JUL-96

Not reported Dept of Env. Quality

31-DEC-99

Not reported

Dept of Env. Quality

Not reported

Dept of Env. Quality

Rank Value:

Region: Not reported Agency:

Not reported **EPA**

Administrative Action:

Admnstrty Category:

NEGOTIATIONS Remedial Action

Comments:

Not reported

Start Date:

10-JUL-96

177

Staff Number: Rank Value: 0

Northwest

Region:

Administrative Action:

Admnstrtv Category:

Remedial Action

SITE EVALUATION

REMEDIAL DESIGN

Letter Agreement

Comments:

Not reported 31-JUL-96

Start Date: Staff Number: Rank Value:

177

Northwest

Administrative Action: Admnstrtv Category:

Remedial Action Not reported

Comments: Start Date:

Region:

01-NOV-96

Staff Number: 177 0 Rank Value:

Region: Northwest

Administrative Action: Admnstrtv Category: Comments:

Remedial Action Not reported

Start Date: Staff Number:

18-JUL-96

177 0

FRT Action Priority: Agency:

Completion: 31-DEC-99

Not reported Dept of Env. Quality

Rank Value: Region:

Northwest

ECSF Desc.:

Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420

80 SE 1/2-1

Higher

HOYT ST RAILYARD 1105 NW 9TH AVE PORTLAND, OR 97209 SHWS OR CRL S102082454 N/A

Investigation Status:

Coordinator Supplier:

Tax Lots:

Tax Lots:

ECFS Code:

Range Zone:

Dunsnumber:

Qtr Section:

Acc:

Code:

Township Zone:

Map ID Direction Distance Elevation

Site

Database(s)

Listed on Confirmed Release List

Not reported

Not reported

Not reported

Not reported

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N

E

Sections cont'd: 33, 34

Sections cont'd: 33, 34

EDR ID Number EPA ID Number

HOYT ST RAILYARD (Continued)

S102082454

ECSI:

FIPS Cnty Code: Not reported

Study Area: Cerclis ID:

No

Not reported

Orphan:

No

Lat/Long: 45.533 / 122.680

Township Coord.: 1.00 Range Coord.: 1,00 Section Coord.: 27

Lat/Long: Total Tanks:

Status:

Address:

Not reported Not reported 1105 NW 9th AVE

Not reported

Substance:

BENZENE Quant. Released: unknown unknown

Date:

Substance: **TOLUENE** Quant. Released: unknown unknown

Substance:

ETHYLBENZENE

Quant, Released: unknown unknown

Date: Substance:

Date:

XYLENEs

Date:

Quant. Released: unknown unknown

Substance:

TRICHLOROETHYLENE

Quant. Released: unknown Date:

unknown

Substance: LEAD Quant. Released: unknown Date: unknown

Substance: Quant. Released: unknown

Date:

unknown

ZINC

Substance:

Quant. Released: unknown

Date: unknown

Substance:

TOTAL PETROLEUM HYDROCARBONS (TPH)

POLYAROMATIC HYDROCARBONS (PAH)

Quant, Released: unknown Date: unknown

Substance:

PENTACHLOROPHENOL Quant, Released: unknown

Date: unknown COPPER Substance: Quant. Released: unknown Date: unknown

Alias Name:

Prendergast & Associates

Hoyt ST Property

Hoyt ST Train Yard - Parcels 2,3,4,12

Texto:

Hart Crowser report (10/22/90)

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MAP FINDINGS

Map ID Direction Distance Elevation

Site

Database(s)

EDR ID Number EPA ID Number

S102082454

HOYT ST RAILYARD (Continued)

Release Desc.:

Texto:

Texto:

Hart Crowser report (10/22/90)

Release Desc.:

Data Sources

Hart Crowser report (10/22/90)

Data Sources

Release Desc.:

Data Sources

Texto:

Hart Crowser report (10/22/90)

Release Desc.: Data Sources

Texto:

Hart Crowser report (10/22/90)

Release Desc.:

Data Sources

Texto:

Hart Crowser report (10/22/90)

Release Desc.: Data Sources

Texto:

Hart Crowser report (10/22/90)

Release Desc.:

Data Sources

Texto:

Hart Crowser report (10/22/90)

Release Desc.:

Data Sources

Texto:

Hart Crowser report (10/22/90)

Release Desc.:

Data Sources

Texto:

Mathes & Assoc. report (2/90)

Release Desc.:

Data Sources

Texto:

Mathes & Assoc. report (2/90)

Data Sources

Release Desc.:

Not reported

Sampling Start:

Not reported

Sample Depth: Sampling Result: Not reported

Obsrvtn Indicator: Not reported Owner/Operator: Not reported

Medium Description:

Minimum Concentration Valve: Maximum Concentration Valve:

Not reported

Not reported Not reported

Contamination:

Extensive soil contamination with petroleum products. Up to 4 feet of floating product reported. Mostly diesel oil, but lube oil, coal gassification residues, metals, PCBs, solvents, and pesticide contamination are also of concern. Possibility of buried lead acid and drycell waste batteries and associated materials. Possibility of contamination from former tank farm extending beyond property line.

Sampling End:

Lab Data Indicator:

Not reported

Not reported

Data Sources:

Hart Crowser Subsurface Exploration & Testing, Glacier Park Co. Property, Hoyt St. Railroad Yard (10/22/90); Mathes & Associates Phase I Environmental Assessment, Hoyt St. Rail Yard (2/90).

PA Information Package Hoyt Street Property by Remediation Technologies 6/92

Hazardous Substance/Waste Types:

PAHs; lead, petroleum hydrocarbons, BTEX, zinc, possibly buried waste, lead, acid, and drycell batteries.

Health Threats:

Extensive soil contamination, possibility of buried lead and drycell waste batteries, up to 4 feet of floating product reported, and frequent storm sewer discharges to nearby Willamette River. Former tank farm contamination may extend beyond the property line.

Manner of Release:

Manner and time of release unknown.

Pathways & Other Hazards:

Site is within 500 feet of the Willamette River and drained by storm sewers discharging directly to the river. Because of frequent oil discharges to the river, Burlington has long maintained a permanent oil retaining boom around the Tanner Creek (combined sanitary and storm sewer) outfall on the Willamette

Site

Database(s)

EDR ID Number EPA ID Number

HOYT ST RAILYARD (Continued)

S102082454

River. Plans for the site include extensive multi-family residential development as well as commercial and industrial development.

Project Activity Status:

Consent Order for completion of an RI/FS and appropriate interim actions with Burlington Northern Railroad became effective 8/16/95. The RI/FS work plan was

approved 12/13/95. Field work was completed in December 1995.

An Operations and Maintenance Plan for the product recovery system was

received on 10/2/95 and is under review. Draft RI report

was received in July 1996, and a revised draft was received in October 1996.

A groundwater beneficial use survey is currently in progress.

Project Issues Summary:

Nature and extent of contamination. Potential risks to human and environmental receptors. Coordination with future development project (land use). Volume estimate for remedial action selection process.

Project Type:

Consent Order, State lead.

Remedial Action:

(1/17/96 AL/SR) Project was transferred from the Voluntary Cleanup Program to the Site Response Program in 3/95. A Consent Order was finalized with Burlington Northern Railroad (BNR) on 8/16/95. A RI/FS work plan was approved

12/13/95. RI soil sampling completed during the week of 12/13/95.

First round of groundwater sampling completed in January, second round in

April, third round in July, fourth round in October 1996.

An Operations and Maintenance for the product recovery system was approved 2/29/96. A draft RI report was received in July 1996, and a revised draft in October 1996. A groundwater beneficial use survey is currently in

progress.

Site Contacts:

, Prendergast & Assoc.,

Site Location:

Between NW 9th & 12th from Lovejoy to Front streets; north of Raleigh

from 14th to Front; north of Quimby from 13th to Front.

Substances of Concern:

Petroleum, Pb, potential for PCBs.

Party Affiliation:

None Reported:

Site Status: Assoc Date:

Not reported Not reported

Permit Number: Unknown

Permit Agency:

DEQ

Permit Type:

Water Quality

Prmt Comments: Not reported

Permit Number: 100512 Permit Agency:

DEQ/WQ

Permit Type:

NPDES

Prmt Comments: (BNR at 1101 NW Hoyt ST)

Common Name: Hoyt ST Train Yard

Years/Operation: approximately 90 years

Operation Status: Active

Most Recent FLag:

Yes

Oper. Comment: rail yard, various industrial operations

Site

Database(s)

EDR ID Number EPA ID Number

HOYT ST RAILYARD (Continued)

S102082454

Administrative Action:

Listing Review completed

Admnstrtv Category:

Listing Action

Comments: Start Date:

Not reported

07-FEB-91

Staff Number: 140 Completion:

07-FEB-91

Rank Value:

0

FRT Action Priority:

Not reported

Agency:

Dept of Env. Quality

Head Quarters Region:

Administrative Action:

Facility proposed for Confirmed Release List

Admnstrtv Category:

Listing Action

Comments: Start Date:

Not reported 28-JUN-91

140

Completion: FRT Action Priority: 28-JUN-91

Staff Number: Rank Value: 0

Agency:

Not reported Dept of Env. Quality

Region:

Head Quarters

Administrative Action:

Proposal for Confirmed Release List recommended

Admnstrty Category: Comments:

Listing Action Not reported

07-FEB-91

Completion:

07-FEB-91

Start Date: Staff Number:

140

FRT Action Priority:

Not reported

Rank Value:

0

Agency:

Dept of Env. Quality

Region;

Head Quarters

Administrative Action:

SITE EVALUATION Remedial Action

Admnstrtv Category: Comments:

Not reported 01-FEB-90

Completion:

Agency:

01-FEB-90

Staff Number:

140

FRT Action Priority:

Not reported Dept of Env. Quality

Rank Value: 0

Head Quarters

Administrative Action: Review for final listing Admnstrtv Category:

Comments:

Start Date:

Region:

Listing Action Not reported

Start Date:

20-SEP-91

Completion:

20-SEP-91 Not reported

Staff Number: Rank Value:

140

FRT Action Priority: Agency:

Dept of Env. Quality

Region:

Head Quarters

Listing on Confirmed Release List recommended

Administrative Action: Admnstrtv Category:

Listing Action

Listing Action

Comments: Start Date:

Not reported 20-SEP-91

Facility placed on Confirmed Release List

Completion:

20-SEP-91 Not reported

Staff Number:

140 0

FRT Action Priority: Agency:

Dept of Env. Quality

Rank Value: Region:

Head Quarters

Administrative Action:

Adminstrty Category:

Not reported

Comments: Start Date: 27-SEP-91

Completion:

Agency:

27-SEP-91

Staff Number: Rank Value:

116

FRT Action Priority:

Not reported Dept of Env. Quality

Region:

Ω **Head Quarters**

Site

Database(s)

EDR ID Number EPA ID Number

HOYT ST RAILYARD (Continued)

S102082454

Administrative Action:

BASIC PRELIMINARY ASSESSEMENT Remedial Action

Admnstrty Category: Comments:

Not reported

Start Date:

23-DEC-91

Staff Number: 185 Completion: FRT Action Priority:

30-JUN-92 Not reported

Rank Value: 0

Agency:

Dept of Env. Quality

Region:

Head Quarters

Administrative Action: Admnstrtv Category:

Listing Action

Comments: Start Date:

Not reported 01-OCT-92

202

Completion: FRT Action Priority: 01-OCT-92

Staff Number:

Owner/operator comments received on listing notification

Not reported

Rank Value:

Administrative Action:

0

Agency:

Dept of Env. Quality

Head Quarters Region:

Admnstrtv Category:

Listing Action Ltr dated 12/22/92 from Douglas Hayes

Listing Review completed

Comments:

Completion:

28-DEC-92

Start Date: Staff Number:

28-DEC-92 Not reported

FRT Action Priority:

Not reported

Rank Value:

Agency:

Dept of Env. Quality

Region:

Head Quarters

VCS Waiting List

Administrative Action: Admnstrtv Category:

26-JUL-93

Remedial Action Not reported

Completion:

24-JAN-94

Start Date: Staff Number:

Comments:

121 O

FRT Action Priority:

Not reported

Rank Value: Northwest Region:

Administrative Action: Admnstrty Category:

NEGOTIATIONS

Comments:

Remedial Action Site transferred from VCP to SRP 3/21/95.

Start Date:

25-JAN-94

Completion:

Staff Number:

FRT Action Priority:

09-NOV-94

Rank Value:

227

Agency:

Not reported

Dept of Env. Quality

Region:

Agency:

Dept of Env. Quality

Northwest

Administrative Action: Proposal for Inventory recommended Admnstrtv Category: Listing Action

Comments:

Start Date: 02-OCT-92 Staff Number: 202

Not reported

Completion: FRT Action Priority:

02-OCT-92 Not reported

Rank Value: Region:

0 **Head Quarters**

Administrative Action:

Site added to database

Adminstrty Category:

Administrative Action

Comments: Start Date:

Not reported 07-FEB-91

Completion:

31-DEC-99

Staff Number: Rank Value:

140

FRT Action Priority: Agency:

Agency:

Not reported Dept of Env. Quality

Dept of Env. Quality

Region:

0 Head Quarters

Site

Database(s)

HOYT ST RAILYARD (Continued)

S102082454

EDR ID Number

EPA ID Number

Administrative Action: SITE PRIORITY EVALUATION FOR FURTHER ACTION

Admnstrty Category:

Remedial Action

Comments:

Not reported 10-OCT-92

Start Date:

202

Completion:

Staff Number: Rank Value: 0 FRT Action Priority: Agency:

10-OCT-92 Not reported Dept of Env. Quality

Region:

Head Quarters

Refer to LUST Program

Administrative Action: Admnstrtv Category:

Remedial Action

Comments: Start Date:

(LUST SI)

01-DEC-90

150

Completion: FRT Action Priority: 01-MAR-92 Not reported

Staff Number: Rank Value:

0

Agency:

Dept of Env. Quality

Region: **Head Quarters**

Administrative Action:

Facility placed on Inventory

Admnstrtv Category:

Listing Action

Comments:

Not reported

20-JUL-96

Completion:

20-JUL-96

Start Date: Staff Number:

102

FRT Action Priority:

Not reported

Rank Value:

Agency:

Dept of Env. Quality

Region: Northwest

REMEDIAL INVESTIGATION

Administrative Action: Admnstrtv Category:

Remedial Action Not reported

Comments: Start Date:

17-AUG-95

Completion:

Agency:

31-DEC-99

Staff Number:

102

FRT Action Priority:

Not reported Dept of Env. Quality

Rank Value: 0 Northwest

Administrative Action:

Region:

NEGOTIATIONS Remedial Action

Admnstrtv Category: Comments:

Not reported

Start Date: Staff Number: 22-MAR-95

Completion: FRT Action Priority: 16-AUG-95

Rank Value:

102 n

Agency:

Not reported

Region:

Northwest

Dept of Env. Quality

Administrative Action:

RISK ASSESSMENT

Admnstrty Category: Comments: Start Date:

Remedial Action Not reported

01-JUL-96

Completion: FRT Action Priority: 31-DEC-99 Not reported

Staff Number: Rank Value:

102 0

Agency:

Dept of Env. Quality

Region: Northwest Administrative Action:

FEASIBILITY STUDY

Adminstrty Category: Comments:

Remedial Action Not reported

Completion: FRT Action Priority: 31-DEC-99 Not reported

Start Date: Staff Number: Rank Value:

01-NOV-96 102 0

Agency:

Dept of Env. Quality

Region:

Northwest

Site

Database(s)

EDR ID Number EPA ID Number

HOYT ST RAILYARD (Continued)

S102082454

S101838427

N/A

Administrative Action: Admnstrty Category:

Comments:

Pearl block

REMOVAL Remedial Action

Start Date:

01-MAR-96

102

Completion: FRT Action Priority: 01-JUL-96 Not reported

Staff Number: Rank Value:

Northwest

Agency:

Dept of Env. Quality

SHWS

No Further Action

UPS - 1001

Not reported

Not reported

Not reported

Not reported

3,194,138

3,194,138

N

Ε

Н

Region:

ECSF Desc.:

Owner, operator or other party under state or federal authority

OR CRL:

Facility ID: Media Affected: 1080

GROUNDWATER SOIL SURFACE WATER Current Program: Emergency Response

Cleanup Status:

Phase II - Remedial investigation and feasibility studies are

underway

Substances:

BENZENE COPPER ETHYLBENZENE LEAD PENTACHLOROPHENOL POLYAROMATIC

HYDROCARBONS (PAH) TOLUENE TOTAL PETROLEUM HYDROCARBONS (TPH)

TRICHLOROETHYLENE XYLENES ZINC

Facility ID:

Media Affected:

GROUNDWATER SOIL SURFACE WATER

Current Program: Emergency Response

1080

Cleanup Status:

Phase II - Remedial investigation and feasibility studies are

underway

Substances:

BENZENE COPPER ETHYLBENZENE LEAD PENTACHLOROPHENOL POLYAROMATIC

HYDROCARBONS (PAH) TOLUENE TOTAL PETROLEUM HYDROCARBONS (TPH)

Investigation Status:

Coordinator Supplier:

Tax Lots:

Tax Lots:

ECFS Code:

Range Zone:

Dunsnumber:

Qtr Section:

Acc:

Code:

Township Zone:

TRICHLOROETHYLENE XYLENES ZINC

81 WNW 1/2-1 Higher **MERCER INDUSTRIES - PORTLAND**

2636 NW 26TH AVE

PORTLAND, OR 97212

ECSI:

FIPS Cnty Code: Not reported

Study Area:

Cerclis ID:

Not reported

No

29

Orphan:

Lat/Long:

No 45.537 / 122.653

Township Coord.: 1.00 1.00

Range Coord.: Section Coord.:

Lat/Long:

Total Tanks:

Status: Address: Not reported Not reported 2636 NW 26th AVE

Not reported

Substance: **CHROMIUM**

Date:

Quant. Released: Unknown Unknown

Alias Name:

Mercer Steel Co. Inc.

Mercer Industries Oakite Facility

Texto:

Letter from source and lab results

Release Desc.: Texto:

Data Sources other = concrete

Release Desc.:

Media Contamination Footnote

Site

Database(s)

EDR ID Number EPA ID Number

MERCER INDUSTRIES - PORTLAND (Continued)

S101838427

Sampling Start:

Not reported

Sampling End:

Not reported

Sample Depth: Not reported Sampling Result: Not reported Obsrvtn Indicator: Not reported

Owner/Operator: Not reported

Lab Data Indicator:

Not reported

Medium Description: Minimum Concentration Valve: Maximum Concentration Valve:

Not reported Not reported Not reported

Containment Units:

concrete wastewater trench

Contamination:

Trench through which wastewater from the pretreatment tanks exited to the city sewer is contaminated with chromium. Site was formerly occupied by Oakite etch

facility.

Data Sources:

Other File

Program: , Region: NW

referral

Correspondence FROM owner and/or operator

Lab results

Hazardous Substance/Waste Types:

chromium

Manner of Release:

Wastewater was released into a concrete trench from wastewater pretreatment

tanks when the site was occupied by the Oakite etch facility.

Time of release: Prior to 1974.

Media Contamination:

Contaminated wastewater discharged to concrete trench; concrete analyzed and

found to be contaminated as listed above.

Remedial Action:

A May 1988 wipe sample from the concrete within the former Oakite treatment pit contained elevated levels of total chromium, which were reduced significantly by steam-cleaning of the concrete. October 1988 samples of the concrete and underlying soils (obtained by boring through the concrete) showed that the cleanup was adequate and that chromium had not leached into the environment. As a result, DEQ sent two letters to Mercer between December 1988 and February 1989, indicating that no further investigation was needed and the site would not be proposed for listing. Based on these sample results and the administrative record in the file, Site Assessment recommends no further

action.

Party Affiliation: None Reported:

Site Status: Assoc Date: Not reported Not reported

Permit Number: Not reported Permit Agency:

Not reported

Permit Type:

Not reported

Prmt Comments: Not reported

Common Name: Mercer Industries - Portland

Years/Operation: Until 1974 Operation Status: Inactive

Oper. Comment: Unknown

Most Recent FLag:

Yes

MAP FINDINGS

Map ID Direction Distance Elevation

Site

Database(s)

EDR ID Number EPA ID Number

MERCER INDUSTRIES - PORTLAND (Continued)

S101838427

Administrative Action:

Responsible party notified re 11/88 Inventory listing

Admnstrtv Category:

Listing Action

Comments:

Not reported

Start Date:

30-NOV-88

Staff Number: Not reported Completion: FRT Action Priority: 31-DEC-99 Not reported

Rank Value:

0

Agency:

Dept of Env. Quality

Region:

Not reported

Administrative Action: Site Screening recommended (EV)

Remedial Action Admnstrtv Category: Not reported

Start Date: Staff Number: 12-FEB-94

107

Completion: FRT Action Priority:

Agency:

12-FEB-94 Not reported Dept of Env. Quality

Rank Value: Region:

Comments:

0

Not reported

Site added to database Administrative Action: Administrative Action

Admnstrtv Category: Comments:

Not reported

Start Date: Staff Number: 25-JUL-88

Completion: FRT Action Priority:

Agency:

31-DEC-99 Not reported

Dept of Env. Quality

Rank Value: Region:

112 0 Not reported

Administrative Action: Admnstrtv Category:

SITE EVALUATION Remedial Action

Comments: Start Date:

Not reported 02-MAR-85

Completion: FRT Action Priority: 02-MAR-95 Not reported

Staff Number: Rank Value:

283 0

Agency:

Dept of Env. Quality

Region: Northwest

Administrative Action: NO FURTHER STATE ACTION REQUIRED Admnstrtv Category: Remedial Action

283

Comments: Start Date: Staff Number: Not reported 02-MAR-95

Completion: FRT Action Priority: 31-DEC-99 Not reported

Rank Value: Region:

Agency:

Dept of Env. Quality

Northwest

ECSF Desc.:

Not reported

82 NW 1/2-1 Higher DASIC INTERNATIONAL CORP.

3125 NW FRONT AVE PORTLAND, OR 97210

SHWS LUST

S100497297 N/A

Site

Database(s)

EDR ID Number **EPA ID Number**

DASIC INTERNATIONAL CORP. (Continued)

S100497297

Willamette River.

Remedial Action:

Emergency cleanup

Party Affiliation: None Reported:

Site Status:

Not reported

Assoc Date:

Not reported

Permit Number: Not reported

Not reported

Permit Agency: Prmt Comments: Not reported

Common Name: Dasic International Corp.

Years/Operation: Not reported

Operation Status: Active

Oper. Comment: Blender and formulator of marine and industrial detergents and com-pounds

Administrative Action: Site Screening recommended (EV)

Admnstrtv Category: Remedial Action

Comments:

Not reported

Start Date:

12-FEB-94

Staff Number: 107

FRT Action Priority: Agency:

Completion:

Most Recent FLag:

Permit Type:

12-FEB-94 Not reported

Dept of Env. Quality

Yes

Not reported

Rank Value: 0 Region:

Not reported

Site added to database

Administrative Action: Admnstrtv Category:

Administrative Action Not reported

Comments: Start Date: Staff Number:

09-MAY-88

123

Completion: FRT Action Priority:

Agency:

31-DEC-99 Not reported

Dept of Env. Quality

SHWS

OR CRL

Listed on Confirmed Release List

Rank Value:

0

Not reported

ECSF Desc.:

Not reported

LUST:

Region:

Facility ID: Clean Lead: 26-90-0220

Region: Cleanup Start Date: NWR

RP

19-JUN-90

Closed Date:

02/11/1991

Cleanup Completion:

Investigation Status:

Coordinator Supplier:

Tax Lots:

Tax Lots:

ECFS Code:

Range Zone:

Otr Section:

Acc:

Code:

Dunsnumber:

Township Zone:

11-FEB-91

UPS - 3001

Not reported

Not reported

Not reported

Not reported

Not reported

AGREE

83 WNW 1/2-1 Higher **GUILDS LAKE**

2615-2619 NW INDUSTRIAL ST

PORTLAND, OR 97210

ECSI:

FIPS Cnty Code: Not reported

Study Area:

No

Cerclis ID: 987172582

Orphan: Lat/Long: Nο

45.540 / 122.704

Township Coord.: 1.00

Range Coord.: 1.00 0

Section Coord.: Not reported

Lat/Long: Total Tanks:

Not reported Status:

Address:

Not reported

2615-2619 NW Industrial ST

Substance:

Quant. Released: unknown

LEAD

Date:

1909 to late 1940s

S102082545

N/A

Site

Database(s)

EDR ID Number EPA ID Number

GUILDS LAKE (Continued)

S102082545

Substance: Date:

CHROMIUM Quant, Released: unknown unknown

Alias Name:

Marathon - NW Industrial St. Properties

Texto:

PA prepared for Marathon U.S. Realties, Inc. (10/25/88); Focused RI

Release Desc.:

Data Sources

Texto:

prepared for Marathon U.S. Realties, Inc. (1/17/90)

Release Desc.:

Data Sources

Texto:

Preliminary Assessment prepared for Marathon U.S. Realties, Inc.

Release Desc.: **Data Sources**

Sampling Start:

Not reported

Sampling End:

Not reported

Sample Depth:

Not reported Sampling Result: Not reported Obsrvtn Indicator: Not reported

Owner/Operator: Not reported

Lab Data Indicator:

Not reported

Medium Description: Minimum Concentration Valve: Maximum Concentration Valve:

Not reported Not reported Not reported

Contamination:

Contamination from ash disposal and landfill disposal.

Data Sources:

PA submitted to DEQ-ECD by PRP; 2 reports from owner - Preliminary Assessment

of Potential Contamination & Focused Remedial Investigation.

EPA CERCLA Preliminary Assessment.

Remedial Investigation. NWR SRP files.

Hazardous Substance/Waste Types:

petroleum, chromium, lead, chromium dissolved, lead dissolved

Health Threats:

Human health threat from exposure to surface soil contaminated with lead

address through placement of asphalt-concrete cap.

Manner of Release:

Ash disposal and municipal waste landfill. Possible underground

storage tanks.

Time of release: 1909 to late 1940s

Media Contamination:

Ash/debris.

Cleanup completed for hydrocarbon contamination.

Pathways & Other Hazards:

RI/FS & remedial design available in project file. Project ID (MP 158)

Project Activity Status:

City purchased property.

RA completed 5/95. Remedial Action Report has been finalized.

Remedial Action:

RPIC Consent Order in effect for RI/FS between PRP & DEQ. Remedial Investigation completed spring 1990. Feasibility Study completed spring 1991. Removal of hydrocarbons completed (Removal Report 10/23/89), (5/92 SRS Status Rep.) Remedy consists of an asphalt-concrete cap and institutional controls. Remedy has been implemented. Remedial Action Report has been submitted and approved. Implementation of inspection, maintenance, and

monitoring is in progress.

Site Ownership:

Prior owner information: West Coast Fast Freight Terminal and others. Current operators: Consolidated Cargo, United Beer Distributors, G&G

Paper Co., Cost Distributing Co., Professional Records.

Site

Database(s)

EDR ID Number EPA ID Number

S102082545

GUILDS LAKE (Continued)

Substances of Concern:

Party Affiliation: None Reported:

Site Status:

Not reported

Assoc Date:

Not reported

Permit Number: Not reported Permit Agency:

Not reported

Prmt Comments: Not reported

Common Name: Guilds Lake

Years/Operation: Not reported

Operation Status: Active

Oper. Comment: Currently: Warehouses and parking Formerly: Garbage incinerator and landfill

Responsible party notified re 11/88 Inventory listing

Administrative Action: Admnstrty Category:

Listing Action

Comments: Start Date:

Not reported

30-NOV-88

Not reported

FRT Action Priority: Agency:

Completion:

Permit Type:

Most Recent FLag:

31-DEC-99 Not reported

Not reported

Staff Number: Rank Value:

Region:

O

Not reported

Listing Review completed Administrative Action:

Admnstrtv Category: Listing Action

Comments:

Brian McClure, SRS, new project manager

Start Date:

30-JUL-90 103

Completion:

30-JUL-90 Not reported

Staff Number: Rank Value:

0

FRT Action Priority: Agency:

Dept of Env. Quality

Dept of Env. Quality

Region:

Not reported

Administrative Action: Proposal for Inventory recommended Admnstrty Category: Listing Action

Comments:

Not reported

Start Date:

30-JUL-90

103

Completion:

30-JUL-90

Staff Number: Rank Value:

FRT Action Priority:

Not reported

Not reported

Agency:

Dept of Env. Quality

Region:

Administrative Action: REMEDIAL INVESTIGATION Remedial Action

Admnstrty Category:

Not reported

Comments: Start Date:

Region:

14-FEB-89

Completion:

29-MAY-90

Staff Number:

103 0

FRT Action Priority:

Not reported

Rank Value:

Head Quarters

Agency:

Dept of Env. Quality

Administrative Action: Admnstrty Category:

Facility proposed for Confirmed Release List Listing Action

Comments:

Not reported

Start Date: 10-SEP-90

Completion:

10-SEP-90

Staff Number: Rank Value:

103 0

FRT Action Priority: Agency:

Not reported Dept of Env. Quality

Region:

Site

Database(s)

EDR ID Number EPA ID Number

GUILDS LAKE (Continued)

S102082545

Administrative Action:

Owner/operator comments received on listing notification

Admnstrty Category: Listing Action

Comments:

Not reported

Start Date: Staff Number:

18-OCT-90 Not reported

Review for final listing

Completion: FRT Action Priority: 18-OCT-90 Not reported Dept of Env. Quality

Rank Value: 0 Not reported Region:

Administrative Action:

Owner/operator comments received on listing notification Listing Action

Agency:

Admnstrty Category:

Comments: Start Date:

Not reported 19-OCT-90

Not reported

Completion: Agency:

19-OCT-90 FRT Action Priority: Not reported Dept of Env. Quality

Rank Value: 0

Region: Not reported

Administrative Action:

Admnstrtv Category: Comments:

Staff Number:

Listing Action Not reported

Start Date: Staff Number: 103

25-FEB-91

Completion: FRT Action Priority:

25-FEB-91 Not reported

Rank Value:

O

Agency:

Dept of Env. Quality

Region: Not reported

Administrative Action: Facility placed on Confirmed Release List Listing Action

Admnstrtv Category:

Administrative Action:

Comments: Start Date:

Not reported 21-JUN-91

Completion:

21-JUN-91 Not reported

Staff Number: Rank Value:

116

FRT Action Priority: Agency:

Dept of Env. Quality

Region:

Not reported

Facility placed on Inventory

Admnstrtv Category: Listing Action

Comments: Start Date:

Not reported 21-JUN-91

Completion: FRT Action Priority:

21-JUN-91 Not reported

Staff Number: Rank Value: Region:

116 n

Agency:

Dept of Env. Quality

Administrative Action:

Proposal for Confirmed Release List recommended

Admnstrtv Category: Listing Action

Comments:

Region:

Not reported

Not reported

Start Date: Staff Number: 30-JUL-90 103

Completion: FRT Action Priority: 30-JUL-90 Not reported

Rank Value:

Not reported

Agency:

Dept of Env. Quality

Listing on Confirmed Release List recommended

Administrative Action:

Admnstrtv Category: Comments:

Listing Action Not reported

25-FEB-91 Staff Number:

Completion: FRT Action Priority: 25-FEB-91 Not reported

Rank Value:

Start Date:

103 n

Agency:

Dept of Env. Quality

Region:

Site

EDR ID Number EPA ID Number

GUILDS LAKE (Continued)

S102082545

Database(s)

Administrative Action:

Listing on Inventory recommended

Admnstrtv Category: Comments:

Listing Action Not reported

Start Date: Staff Number:

25-FEB-91

103

Completion:

FRT Action Priority:

25-FEB-91 Not reported Dept of Env. Quality

10-SEP-91

Rank Value:

Region:

Not reported

BASIC PRELIMINARY ASSESSEMENT

Remedial Action

Administrative Action: Admnstrtv Category:

Federal.

Comments: Start Date: Staff Number:

Rank Value:

25-JUL-91

119

n

Completion: FRT Action Priority: Agency:

Agency:

Not reported Dept of Env. Quality

Region: **Head Quarters**

Administrative Action:

No Further Remedial Action Planned under Federal program

Adminstrty Category: **EPA Led Action**

Comments:

Not reported

Start Date: Staff Number:

30-SEP-91 Not reported Completion:

30-SEP-91

Rank Value:

FRT Action Priority: Agency:

Not reported **EPA**

30-APR-91

Region: Not reported

Administrative Action: Admnstrty Category:

FEASIBILITY STUDY Remedial Action

Comments:

(Hydrocarbons cleanup completed) 17-MAY-90

Start Date: Staff Number: 141 Completion:

FRT Action Priority: Agency:

Not reported Dept of Env. Quality

Rank Value: Region:

Head Quarters

Administrative Action: Facility proposed for Inventory

Admnstrtv Category:

Listing Action Not reported

Comments: Start Date:

10-SEP-90 103

Completion: FRT Action Priority: 10-SEP-90 Not reported

Rank Value: Region:

Staff Number:

n

Agency:

Dept of Env. Quality

Administrative Action:

Not reported RECORD OF DECISION

Admnstrtv Category: Remedial Action

Comments:

Not reported

Start Date: Staff Number: 141

01-APR-91

Completion: FRT Action Priority: Agency:

01-AUG-91 Not reported Dept of Env. Quality

Rank Value: Region:

0 Head Quarters

Administrative Action: Admnstrty Category:

REMEDIAL DESIGN Remedial Action

Comments: Start Date: Staff Number:

Not reported 01-AUG-91

141

0

Completion: FRT Action Priority:

Agency:

01-MAR-95 Not reported Dept of Env. Quality

Rank Value: Region:

Head Quarters

Site

Database(s)

31-DEC-99

31-DEC-99

13-FEB-89

13-FEB-89

Not reported

Dept of Env. Quality

Not reported

Not reported

Dept of Env. Quality

Dept of Env. Quality

EDR ID Number EPA ID Number

GUILDS LAKE (Continued)

S102082545

Administrative Action:

Admnstrtv Category:

Remedial Action

REMEDIAL ACTION

Site added to database

SITE EVALUATION

Comments:

Not reported

Start Date:

01-JAN-95

104 Staff Number:

Rank Value:

Region:

Northwest

Administrative Action: Admnstrtv Category:

Administrative Action Not reported

Comments: Start Date:

02-NOV-88

123 Staff Number: Rank Value:

Region: **Head Quarters**

Administrative Action: Admnstrtv Category:

Comments:

Rank Value:

Remedial Action Not reported

Start Date: Staff Number:

13-FEB-89 103

Completion:

Completion:

Completion:

Agency:

Agency:

FRT Action Priority:

FRT Action Priority:

FRT Action Priority:

Not reported Dept of Env. Quality

Agency:

Completion:

Agency:

FRT Action Priority:

Region: Head Quarters

Administrative Action: Remedial Investigation/Feasibility Study recommended Remedial Action

Admnstrtv Category: Not reported

Comments:

Start Date: Staff Number:

Rank Value:

Region:

13-FEB-89

103

Head Quarters

Administrative Action: Consent Order Admnstrtv Category: Remedial Action

Comments: Start Date: Staff Number:

Rank Value:

Region:

Not reported 14-FEB-89

103 0

Head Quarters

Completion: FRT Action Priority:

Agency:

Not reported Dept of Env. Quality

14-FEB-89

Agency:

Administrative Action: Site added to CERCLIS **EPA Led Action** Admnstrtv Category:

Comments:

Not reported

Start Date: 19-JUN-89 Staff Number:

Not reported

Completion: FRT Action Priority: 31-DEC-99 Not reported **EPA**

Rank Value:

Not reported

ECSF Desc.:

Owner, operator or other party under agreement, order or consent decree under ORS 465.200 or 465.420

OR CRL:

Region:

Facility ID:

404 Media Affected: **GROUNDWATER OTHER** Current Program: Emergency Response

Cleanup Status:

Phase III - The remedial investigation and feasibility studies have been completed and remedial design, removal or remedial action is

underway

Substances:

CHROMIUM LEAD

Site

Database(s)

EDR ID Number EPA ID Number

GUILDS LAKE (Continued)

S102082545

Facility ID:

404

Media Affected: GROUNDWATER OTHER Current Program: Emergency Response

Cleanup Status: Phase III - The remedial investigation and feasibility studies have

been completed and remedial design, removal or remedial action is

Substances:

PORTLAND, OR 97227

CHROMIUM LEAD

INDUSTRIAL BATTERY BUILDING 3166 N GREELEY AVE

SHWS

No Further Action

Not reported

Not reported

Not reported

Not reported

OSA

2

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Ε

S101838959

N/A

ΝE 1/2-1 Higher

84

FIPS Cnty Code: Not reported

Study Area: Cerclis ID:

Orphan:

Lat/Long:

Not reported

No

Township Coord.: 1.00

Range Coord.: Section Coord.: 27

Lat/Long:

Total Tanks: Status:

Not reported Not reported

Address:

3166 N Greeley AVE

Substance: Not reproted Quant. Released: Not reproted Date:

Alias Name:

Interstate Battery Building

Texto:

Release Desc.:

Sampling Start: Sample Depth:

Not reported

Sampling Result: Not reported Obsrvtn Indicator: Not reported

Owner/Operator: Not reported

Medium Description:

Minimum Concentration Valve: Maximum Concentration Valve:

Not reported

Not reported Not reported

ECSI:

45.547 / 122.680

1.00

Not reported

Not reproted

Not reported

Not reported

Not reported

Sampling End:

Not reported

Lab Data Indicator:

Investigation Status:

Coordinator Supplier:

Tax Lots:

Tax Lots:

ECFS Code:

Range Zone:

Qtr Section:

Acc:

Code:

Dunsnumber:

Township Zone:

Not reported

Contamination:

(08/01/95 KAM/SRS) The Industrial Battery building was constructed sometime prior to 1970. The building was shared by Industrial Battery and Macro Manufacturing. The building was abandoned in 1981, when ODOT acquired a right-of-way across a portion of the property for an off-ramp from 1-5 to Greeley Avenue. (For unknown reasons, the property owner would not allow the building to be torn down as part of the right-of-way acquisition, even though the right-of-way cut off access to the site). Multnomah County acquired the building in 1986 through foreclosure. The County hired Pegasus Environmental Management Services (PEMS) to perform an Environmental Assessment on the property in 1989. Sampling by PEMS found hazardous levels of lead in soils at the site. The County held off investigating the site further, worried that any actions on their part might make them liable for the cleanup. Finally, in 1993, DEQ reached agreement with the County to investigate and clean up the site. DEQ would pay for the removal of contaminated materials, while Multnomah County would pay to have the building torn down and the site regraded.

Site

Database(s)

EDR ID Number EPA ID Number

INDUSTRIAL BATTERY BUILDING (Continued)

S101838959

Data Sources:

- 1) June 1989 Pegasus Environmental Final Report (Environmental Assessment).
- 2) October 1994 DEQ Final Removal Action report.
- 3) Correspondence FROM owner and/or operator.
- 4) Articles of Incorporation.

Hazardous Substance/Waste Types:

Lead

Manner of Release:

Past practices. Time of release: unknown.

Pathways & Other Hazards:

The site is located along the right-of-way for a freeway off-ramp. A steep, vegetated hillside is to the north of the site; Greeley Avenue and the Albina Rail Yards are to the southwest. The Willamette River is a quarter-mile southwest of the site. The nearest residence is 300 feet up the hill. Soils at the site are gravelly silts, grading to clayey silts at 2 feet bgs.

The abandoned building was occupied by vagrants, who covered the walls with

graffiti tags and spray-painted murals.

Remedial Action:

(08/01/95 KAM/SRS) Resampling by DEQ's Site Response Section (SRS) found high levels of lead in a soil pile in front of the site (82,000 ppm total lead; 450 mg/l TCLP lead) and in a sump inside the building (130,000 ppm total lead; 240 mg/l TCLP lead). The soil pile was removed by Riedel in November 1993; 21 tons of contaminated concrete and soils from the sump were removed in May 1994. Multnomah County tore down the building in the summer of 1994. (The north wall of the building doubled as a retaining wall for the hillside. This wall was left standing; the other concrete wall slabs were stacked up behind this wall. The concrete was covered with fill, graded and reseeded). SRS has determined

that no further action is necessary at this site.

Site Ownership:

Prior to 1986, the site was owned by Portland Central Equipment Company, which leased the site to Industrial Battery and Macro Manufacturing. The site is

currently owned by Multnomah County (acquired through foreclosure).

None Reported: Party Affiliation:

Site Status: Assoc Date: Not reported Not reported

Permit Number:

Not reported

Permit Type:

Not reported

Permit Agency:

Not reported

Prmt Comments: Not reported

Common Name: Industrial Battery Co.

Years/Operation: late 1960s to 1981

Operation Status: Inactive

Most Recent FLag:

Yes

Oper. Comment: Battery distribution/rental/servicing.

Common Name: Macro Manufacturing Co.

Years/Operation: early 1970s to 1981

Operation Status: Inactive

Most Recent FLag:

No

Oper. Comment: Machine parts manufacturing.

Site

Database(s)

EDR ID Number EPA ID Number

INDUSTRIAL BATTERY BUILDING (Continued)

S101838959

Administrative Action:

Admnstrty Category:

Comments:

Remedial Action Not reported

Start Date: Staff Number: 01-MAR-93

226

0

Completion: FRT Action Priority:

Agency:

Not reported Dept of Env. Quality

13-OCT-94

Rank Value: Region:

Head Quarters

Administrative Action: Admnstrty Category:

Remedial Action Not reported

SITE EVALUATION

REMOVAL

Comments: Start Date:

27-FEB-93

226 Staff Number: Rank Value:

0

Head Quarters

Region:

Administrative Action: Listing Review completed Listing Action Admnstrtv Category:

Comments:

Not reported

Start Date: Staff Number:

28-FEB-93 226

Completion: FRT Action Priority:

Agency:

Completion:

Agency:

Rank Value: Region: Head Quarters

Administrative Action: Insufficient information to list Listing Action

Admnstrty Category:

Comments: Not reported 28-FEB-93

Start Date: 226 Staff Number:

Rank Value: 0

Region: Head Quarters

REMOVAL Administrative Action: Remedial Action Admnstrty Category: Not reported

Comments: Start Date:

15-MAR-94 Staff Number: 226 n

Rank Value: Region:

Head Quarters

Administrative Action: Site added to database Admnstrtv Category: Administrative Action

Comments:

Not reported 21-SEP-89

Start Date: Staff Number: 123

Rank Value: Region:

Head Quarters ORPHAN SITE Administrative Action:

Admnstrtv Category: Comments:

Not reported 29-NOV-94

226

Staff Number: Rank Value:

Start Date:

Region:

0 **Head Quarters**

Remedial Action

Completion:

FRT Action Priority: Agency:

Not reported Dept of Env. Quality

27-FEB-93

28-FEB-93

Not reported

Dept of Env. Quality

06-NOV-95 Completion:

FRT Action Priority:

Agency:

Not reported Dept of Env. Quality

30-JUN-94 FRT Action Priority:

Not reported Dept of Env. Quality

Completion: 31-DEC-99

FRT Action Priority: Not reported Agency:

Dept of Env. Quality

Completion:

FRT Action Priority: Agency:

Not reported Dept of Env. Quality

30-JUN-95

Site

Database(s)

EDR ID Number **EPA ID Number**

INDUSTRIAL BATTERY BUILDING (Continued)

S101838959

Administrative Action:

NO FURTHER STATE ACTION REQUIRED

Admnstrty Category:

Remedial Action

Comments:

Not reported

Start Date: Staff Number: 06-NOV-95

Completion: FRT Action Priority:

Investigation Status:

Coordinator Supplier:

Tax Lots:

Tax Lots:

ECFS Code:

Township Zone:

Range Zone:

Dunsnumber:

Qtr Section:

Acc:

Code:

06-NOV-95 Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

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13,31,25,2,79,38,64

13,31,25,2,79,38,64

Rank Value:

226 n

Agency:

Dept of Env. Quality

Region:

Head Quarters

ECSF Desc.:

Orphan Site Account

85 ENE 1/2-1 Higher **UNION PACIFIC RR - ALBINA YARD** 2745 N INTERSTATE AVE

PORTLAND, OR 97227

UST **OR SPILLS** U000433424 N/A

SHWS OR CRL

Listed on Confirmed Release List

ECSI:

FIPS Cnty Code: Not reported

Study Area: Cerclis ID:

Orphan:

Lat/Long:

No

Not reported

No

45.547 / 122.673

Township Coord.: 1.00 Range Coord .: 1.00

Section Coord.: 21

Lat/Long: Not reported Total Tanks: Not reported Status:

Address:

Not reported

2745 N Interstate AVE

Substance: **PETROLEUM**

Quant. Released: 3,000 gals (12/2/79) Date: Spills on 9/23/67, 11/13/70, 1/21/73, 12/2/79, 4/27/96

Alias Name:

Albina RR yard

Texto:

NWR Source WQ and HW

Release Desc.:

Data Sources

Texto:

Unknown qty rel. for other release dates

Release Desc.: General Comments

Sampling Start: Sample Depth:

Not reported Not reported

Sampling End:

Not reported

Sampling Result: Not reported Obsrvtn Indicator: Not reported

Owner/Operator: Not reported

Lab Data Indicator: Not reported

Not reported

Medium Description: Minimum Concentration Valve: Maximum Concentration Valve:

Not reported Not reported

Contamination:

(GMW 7/25/96) Numerous diesel spills have occurred at this large railyard over the many years of its operation. Releases have also resulted from locomotive refueling in parts of the vard not designed to contain spillage. File info. shows that the facility's wastewater treatment plant has experienced overflows and valve problems that allowed diesel to enter the Willamette River. Union Pacific assembled and painted box cars at this site until about 1984, which resulted in the generation of large quantities of paint-related wastes. There is no documentation in DEQ files regarding UP's management and disposal of these wastes. Following a fuel spill and cleanup in April 1996, UP's

consultant sampled soil from the spill area, and it contained 5,600 ppm diesel

Data Sources:

Site

Database(s)

EDR ID Number EPA ID Number

UNION PACIFIC RR - ALBINA YARD (Continued)

U000433424

Source files located in DEQ's Northwest Region office: WQ, HW; DEQ Northwest Region Spill file 96-110; correspondence from owner and/or operator.

Hazardous Substance/Waste Types:

Petroleum compounds, primarily diesel and oil; possibly also paint-related

solvents and metals.

Manner of Release:

Known historical spills occurred 9/67, 11/70, 1/73, 12/79. Several of these involved overflows or bypasses from the facility's wastewater treatment plant, resulting in diesel entering the Willamette River. A diesel spill of up to 80 gal. was reported to DEQ's Northwest Region 4/27/96. There may be other contamination from accumulated spills and other unknown sources at the site.

Pathways & Other Hazards:

Soil and surface water are known to have been contaminated; groundwater may also be affected. Leaching of contamination into the Willamette River is likely to be the pathway of greatest environmental concern.

Remedial Action:

(GMW 7/25/96) There appear to be areas with significant soil and possibly groundwater contamination at this site. The yard should be placed on the Confirmed Release List. In addition, a preliminary assessment should be conducted to summarize historical operations, spills/releases, and facility features, as well as to evaluate potential exposure pathways. Further state action is a low-to-medium priority.

Site Location:

The southern end of the site is beneath the Fremont Bridge, and the yard

fronts the Willamette River.

Party Affiliation: None Reported:

Site Status: Assoc Date:

Not reported Not reported

Permit Number: Unknown

Permit Type:

Water

Permit Agency:

DEQ

Prmt Comments: Not reported

Common Name: Union Pacific RR - Portland Years/Operation: Not reported

Operation Status: Active

Most Recent FLag:

Yes

Oper. Comment: Railroad yard

Administrative Action: Site Screening recommended (EV)

Admnstrty Category:

Remedial Action

Comments:

Not reported

Start Date:

12-FEB-94

Staff Number: 107 Completion: FRT Action Priority: 12-FEB-94 Not reported

Rank Value:

Agency:

Dept of Env. Quality

Region:

Not reported

Administrative Action: Responsible party notified re 11/88 Inventory listing

Admnstrtv Category:

Listing Action

Comments:

Not reported

Start Date:

30-NOV-88

Completion: FRT Action Priority:

31-DEC-99 Not reported

Staff Number:

Not reported

Agency:

Dept of Env. Quality

Rank Value: Region:

Site

Database(s)

EDR ID Number EPA ID Number

UNION PACIFIC RR - ALBINA YARD (Continued)

U000433424

Administrative Action: Admnstrty Category:

Site added to database

Comments:

Administrative Action

Region:

Not reported

Start Date:

16-AUG-88

Staff Number:

123

Rank Value: n

Not reported

Administrative Action: Admnstrty Category:

SITE EVALUATION Remedial Action

Comments:

state screening.

Start Date: Staff Number: Rank Value:

13-JUN-96

283

0

Northwest

Administrative Action: Admnstrtv Category:

Listing Review completed

Comments:

Listing Action

Start Date:

Region:

Region:

Not reported 18-JUL-96

Northwest

Staff Number: Rank Value:

283

Completion: FRT Action Priority: Agency:

Completion:

Completion:

Agency:

Agency:

FRT Action Priority:

FRT Action Priority:

25-JUL-96 Not reported Dept of Env. Quality

31-DEC-99

25-JUL-96

Not reported

Not reported

Dept of Env. Quality

Dept of Env. Quality

Proposal for Confirmed Release List recommended

Administrative Action: Admnstrty Category:

Listing Action Comments: Not reported

Start Date: Staff Number:

Rank Value:

25-JUL-96

283

Completion:

FRT Action Priority:

25-JUL-96 Not reported Dept of Env. Quality

Agency:

Region: Northwest

Administrative Action: State Basic Preliminary Assessment recommended (PA) Admnstrtv Category: Remedial Action

Comments:

Not reported

Start Date: Staff Number: 25-JUL-96

283

Northwest

Completion: FRT Action Priority: 25-JUL-96 **LMED**

Rank Value:

0

Agency:

Dept of Env. Quality

Region:

Administrative Action: Admnstrtv Category:

Facility proposed for Confirmed Release List Listing Action

Comments:

Not reported

Start Date: Staff Number:

24-JAN-97 283

Completion: FRT Action Priority: 24-JAN-97 Not reported Dept of Env. Quality

Rank Value: Region:

Northwest

Facility placed on Confirmed Release List

Agency:

Agency:

Administrative Action: Admnstrtv Category:

Listing Action

Comments: Start Date:

Not reported

08-APR-97 304

O

Completion: FRT Action Priority:

Not reported Dept of Env. Quality

08-APR-97

Rank Value: Region:

Staff Number:

Northwest

ECSF Desc.:

Site

Database(s)

EDR ID Number EPA ID Number

UNION PACIFIC RR - ALBINA YARD (Continued)

U000433424

OR SPILLS:

Facility ID:

Not reported

Spill Date:

Not reported

Material: Release Date: Not reported Not reported Quantity: Year:

Not reported 95

How Occurred: Location:

Not reported

RAILROAD YARD

Description:

TRAIN ENGINE HIT TRAILER CHASSIS & TORE AN EXTERIOR MOUNTED CRANKCASE LINE

OR CRL:

Facility ID:

178

SOIL SURFACE WATER Media Affected:

Current Program: Site Response Section

Cleanup Status: Phase I - Remedial investigation and feasibility studies have not been

initiated

PETROLEUM Substances:

UST:

Facility ID:

8318

Facility Tel:

Investigation Status:

Coordinator Supplier:

Tax Lots:

Tax Lots:

ECFS Code:

Range Zone:

Qtr Section:

Acc:

Code:

Dunsnumber:

Township Zone:

(402) 271-4638

Permittee:

Union Pacific Railroad

Num of Active Tanks:

Not reported

Num of Decommissioned Tanks 0

86 West 1/2-1 Higher SCHMITT FORGE INC 2765 NW NICOLAI ST PORTLAND, OR 97210 RCRIS-SQG 1000694940 ORD987195245 **FINDS**

UST SHWS OR VCS

RCRIS:

Owner:

KEN WARD

(503) 222-3641

Contact:

KEN WARD

(503) 222-3641

Record Date:

12/31/95

Classification:

Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

ECSI:

FIPS Cnty Code: Not reported Study Area:

No

Not reported

Cerclis ID: Orphan:

No

0.00

Lat/Long:

0.0000 / 0.0000 Township Coord.: 0.00

Range Coord.:

Section Coord.:

Lat/Long: Total Tanks:

Not reported Not reported Not reported

Status: Address:

Date:

2765 NW Nicolai ST

Substance:

Not reproted Quant. Released: Not reproted Not reproted

Alias Name:

Schmitt Industries

Н

No Further Action

Not reported

Site

Database(s)

Not reported

Not reported

EDR ID Number EPA ID Number

1000694940

SCHMITT FORGE INC (Continued)

Texto:

Release Desc.: Not reported

Sampling Start:

Not reported

Sample Depth:

Not reported

Not reported Sampling Result: Not reported

Obsrvtn Indicator: Not reported Owner/Operator: Not reported

Medium Description:

Not reported

Minimum Concentration Valve: Maximum Concentration Valve:

Not reported Not reported

Hazardous Substance/Waste Types:

heavy oils

Remedial Action:

(4/15/93 MMD/VCS) DEQ file review completed 3/30/93; no further action

Sampling End:

Lab Data Indicator:

recommended.

Substances of Concern:

heavy oils

Party Affiliation:

None Reported:

Site Status:

Not reported

Assoc Date:

Not reported

Permit Number:

Permit Agency:

Not reported

Not reported

Prmt Comments: Not reported

Common Name: Schmitt Forge

Years/Operation: Not reported

Operation Status: Unknown

Oper. Comment: Not reported

Administrative Action:

VCS Waiting List

Admnstrtv Category:

Remedial Action \$2K Letter Agreement signed 3/9/93 for review and concurrence with

consultant-prepared PA.

Start Date:

17-FEB-93

Completion:

Permit Type:

09-MAR-93

Yes

Staff Number:

Comments:

121

FRT Action Priority:

Most Recent FLag:

Not reported

Not reported

Rank Value:

O

Agency:

Dept of Env. Quality

Region:

Not reported

BASIC PRELIMINARY ASSESSEMENT Administrative Action:

Admnstrtv Category:

Remedial Action

Comments:

Not reported

Start Date:

09-MAR-93

124

Completion: FRT Action Priority: 15-APR-93 Not reported

Staff Number: Rank Value:

0

Agency:

Dept of Env. Quality

Region:

Site

Database(s)

EDR ID Number **EPA ID Number**

SCHMITT FORGE INC (Continued)

1000694940

Administrative Action:

NO FURTHER STATE ACTION REQUIRED

Admnstrtv Category: Comments:

Remedial Action Not reported

Start Date: Staff Number:

Rank Value:

15-APR-93

124

0

Completion:

FRT Action Priority: Agency:

15-APR-93 Not reported Dept of Env. Quality

Region: Not reported

Administrative Action: Admnstrtv Category:

Site added to database Administrative Action

Comments: Start Date:

Not reported

Staff Number: 121

24-FEB-93

Completion: FRT Action Priority: Agency:

31-DEC-99 Not reported Dept of Env. Quality

Rank Value: 0 Region:

Not reported

SITE EVALUATION Administrative Action: Remedial Action Admnstrty Category:

Comments:

Not reported

Start Date: Staff Number: 08-MAR-93

124

Completion: FRT Action Priority: 08-MAR-93 Not reported

Rank Value:

0

Listing Review completed

Agency:

Dept of Env. Quality

Dept of Env. Quality

Region: Not reported

Administrative Action: Admnstrtv Category:

Listing Action

Comments: Start Date:

Not reported 08-MAR-93

124

Not reported

Completion:

08-MAR-93 Not reported

Staff Number: FRT Action Priority: Rank Value: 0 Agency:

Administrative Action:

Insufficient information to list Admnstrty Category: Listing Action

Comments: Start Date: Staff Number:

Region:

Not reported

08-MAR-93

124 0

Completion: FRT Action Priority:

Agency:

Agency:

Facility Tel:

15-APR-93 Not reported Dept of Env. Quality

Rank Value: Region: Not reported

Administrative Action:

State Basic Preliminary Assessment recommended (PA)

Admnstrtv Category: Remedial Action

n

Comments:

Not reported

Start Date: Staff Number: 08-MAR-93 124

Completion: FRT Action Priority: 08-MAR-93 Not reported Dept of Env. Quality

Rank Value: Region:

Not reported

ECSF Desc.:

Not reported

Not reported

UST:

Facility ID: Permittee:

Not reported

10968

Num of Active Tanks:

Not reported Num of Decommissioned Tanks

HOYT ST TRAIN YARD - PARCEL 1

1101 NW HOYT ST

SHWS

S102358542 N/A

SE 1/2-1 Higher

87

PORTLAND, OR 97209

Investigation Status:

Coordinator Supplier:

Tax Lots:

Tax Lots:

ECFS Code:

Range Zone:

Qtr Section:

Acc:

Code:

Dunsnumber:

Township Zone:

Map ID Direction Distance Elevation

Site

Database(s)

Not reported

Not reported

Not reported

Not reported

Not reported

AUTHO

N Ε

34

Suspect Site - Needs Investigation

EDR ID Number EPA ID Number

HOYT ST TRAIN YARD - PARCEL 1 (Continued)

S102358542

ECSI:

FIPS Cnty Code: Not reported

Study Area:

Cerclis ID:

Not reported

1.00

33

Orphan:

Nο

Lat/Long: 45.529 / 122.679 Township Coord.: 1.00

Range Coord.:

Section Coord.:

Lat/Long: Total Tanks: Status:

Not reported Not reported Not reported

Address:

1101 NW Hoyt ST

Substance:

BENZENE Quant. Released: Not reported Date: Not reported

Substance:

BENZO(a)ANTHRACENE

Quant. Released: Not reported Date:

Not reported

Substance:

BENZO(a)PYRENE

Quant, Released: Not reported Date: Not reported

Substance:

BENZO(b)FLUORANTHENE

Quant. Released: Not reported Date: Not reported

Substance:

BENZO(k)FLUORANTHENE

Quant. Released: Not reported Date: Not reported

Substance: CHRYSENE Quant. Released: Not reported Date: Not reported

Substance: DIBENZO(a,h)ANTHRACENE Quant. Released: Not reported

Date: Not reported **ETHYLBENZENE** Substance:

Quant. Released: Not reported Date: Not reported

Substance:

INDENO(1,2,3-cd)PYRENE

Quant. Released: Not reported Date: Not reported

LEAD Substance:

Quant. Released: Not reported Date: Not reported

NAPHTHALENE Substance: Quant. Released: Not reported Date: Not reported Substance: **TOLUENE**

Quant. Released: Not reported

Date: Not reported

Site

Database(s)

Not reported

Not reported

EDR ID Number EPA ID Number

HOYT ST TRAIN YARD - PARCEL 1 (Continued)

S102358542

Substance:

TOTAL PETROLEUM HYDROCARBONS (TPH)

Quant. Released: Not reported Date:

Not reported

Substance:

XYLENEs Quant. Released: Not reported Not reported

Date: Alias Name:

Hoyt Street Property

Prendergast & Associates

Texto:

Not reported

Release Desc.:

Not reported

Sampling Start:

Not reported Sample Depth: Not reported

Sampling Result: Not reported Obsrvtn Indicator: Not reported

Owner/Operator: Not reported

Medium Description: Minimum Concentration Valve:

Not reported Not reported Not reported

Maximum Concentration Valve:

Contamination:

(GMW 5/3/95) This area was the southern portion of the Hoyt Street Train Yard

Sampling End:

Lab Data Indicator:

site (ECSI #1080). The owners of the entire property entered DEQ's

Voluntary Cleanup Program in March 1994, but chose not to include Parcel 1 in the VCP investigation. Therefore, the area south of Lovejoy Street was broken out into a new site. Former occupants/uses of this old industrial property include Columbia Steel, an adjacent coal gas plant, and an above

ground petroleum tank farm.

Data Sources:

See ECSI file #1080 for all historical data and reports related to this site.

Hazardous Substance/Waste Types:

PAHs, lead, petroleum hydrocarbons, BTEX, and possibly PCBs in a portion of

site alleged to have been a transformer burial/disposal location.

Health Threats:

Potential for direct contact.

Manner of Release:

Manner and time of release unknown.

Media Contamination:

soil, groundwater, and surface water (Tanner Creek storm sewer system)

Pathways & Other Hazards:

Most of the site is now paved. No laboratory sampling for PCBs has occurred in an area where transformers are alleged to have been buried. The site may be developed for new residential, commercial, and industrial uses.

Remedial Action:

(GMW 5/3/95) Many years of heavy industrial activity in this railyard area have left a legacy of soil, groundwater, and surface water (Tanner Creek storm drain) contamination. Substances found at this site, generally at low concentrations, include petroleum hydrocarbons, BTEX, PAHs, lead, and zinc. It is possible that contamination at the site originated from historic operations at the coal gas plant immediately to the east. Further characterization of subsurface soil contamination is needed in this area. Additional exploration and sampling should take place to determine if PCBcontaining transformers were buried on-site. This property may be redeveloped into residential units. Site Assessment has assigned a low-to-medium priority for further investigation at Hoyt St Parcel 1. The site should be placed on the Confirmed Release List. (GMW 9/23/96) This two-block site has been folded into the RI/FS process for the Hoyt Street Train Yard (ECSI #1080), which is

Site

Database(s)

EDR ID Number EPA ID Number

HOYT ST TRAIN YARD - PARCEL 1 (Continued)

S102358542

now occurring under the guidance of DEQ's Site Response Section. See file for

ECSI #1080 for updated project status.

Site Location:

The site consists of the two blocks bounded by NW 9th and 10th Avenues and NW

Johnson and Lovejoy Streets. Originally, the site consisted of these two

blocks, plus the area bounded by NW 10th and 12th Avenues between NW Hoyt and and NW Lovejoy. However, as a result of comments received on DEQ's CRL listing

proposal, DEQ restricted the boundaries of the site as indicated above.

Party Affiliation:

None Reported:

Site Status: Assoc Date: Not reported Not reported

Permit Number: 100512

Permit Type:

NPDES

Permit Agency:

DEQ/WQ

Print Comments: Issued to Burlington Northern Railroad

Common Name: Hoyt Street Train Yard, Parcel 1

Years/Operation: Approximately 90 years

Operation Status: Active

Most Recent FLag:

Yes

Oper. Comment: Former rail yard now housing single story warehouses.

Administrative Action: Admnstrtv Category:

SITE EVALUATION Remedial Action

Comments:

Basic PA recommended.

Start Date:

27-OCT-94

Completion:

28-OCT-94

Staff Number:

283

FRT Action Priority:

Not reported Dept of Env. Quality

Rank Value: 0 Northwest Region:

Administrative Action:

Listing Review completed

Admnstrtv Category:

Listing Action

Comments:

Not reported

28-OCT-94 Start Date:

Completion:

31-OCT-94

Staff Number:

283

FRT Action Priority:

Not reported

Rank Value:

Agency:

Agency:

Dept of Env. Quality

Region:

Administrative Action: Other remedial or investigative action recommended

Admnstrtv Category:

Remedial Action

Comments:

Low to medium - further investigation of site history and determine source

and extent of contamination.

Start Date:

28-OCT-94

Northwest

Completion:

28-OCT-94

Staff Number:

283

FRT Action Priority:

LOW

Rank Value:

Agency:

Dept of Env. Quality

Region:

Northwest

Administrative Action: Site added to database Administrative Action

Admnstrtv Category:

Comments:

Not reported

Start Date: 31-OCT-94 Completion:

31-DEC-99

Staff Number: Rank Value:

283

FRT Action Priority: Agency:

Not reported Dept of Env. Quality

Region:

Northwest

Site

Proposal for Confirmed Release List recommended

Database(s)

EDR ID Number EPA ID Number

HOYT ST TRAIN YARD - PARCEL 1 (Continued)

S102358542

Administrative Action:

Listing Action Admnstrtv Category:

Comments:

Not reported 31-OCT-94

Start Date: Staff Number:

283

Completion: FRT Action Priority: 31-OCT-94 Not reported

Rank Value:

Agency:

Dept of Env. Quality

Region:

Start Date:

Staff Number:

Northwest

Administrative Action: Admnstrtv Category:

Facility proposed for Confirmed Release List Listing Action

Comments:

195

Not reported 05-DEC-94

Completion: FRT Action Priority: 05-DEC-94 Not reported

Rank Value:

n

Agency:

Dept of Env. Quality

Region:

Head Quarters

Administrative Action: Petition or request granted Admnstrtv Category: Listing Action

Comments:

By phone conversation with Hala Vogus - is sending letter to confirm.

Completion:

12-JAN-95

Start Date: Staff Number: 12-JAN-95 195

FRT Action Priority:

Not reported

Rank Value:

Agency:

Dept of Env. Quality

Region: **Head Quarters**

Administrative Action: Admnstrtv Category:

Extension requested by owner/operator

Comments:

Listing Action

By phone conversation with Hala Vogus - is sending letter to confirm. Completion:

12-JAN-95

Start Date: 12-JAN-95 Staff Number:

FRT Action Priority:

Not reported

Rank Value:

195 O

Agency:

Dept of Env. Quality

Region:

Head Quarters

Administrative Action: Owner/operator comments received on listing notification Listing Action

Admnstrty Category:

Comments: Not reported

Start Date:

10-MAR-95 Completion: 10-MAR-95 Not reported

Staff Number: Rank Value:

195 0

FRT Action Priority:

Region:

Head Quarters

Agency:

Dept of Env. Quality

ECSF Desc.:

Owner, operator or other party under state or federal authority

88 East 1/2-1

Higher

CASCADE BRAKE PRODUCTS

698 N PAGE ST

PORTLAND, OR 97227

SHWS

S101839029 N/A

Site

Database(s)

EDR ID Number EPA ID Number

CASCADE BRAKE PRODUCTS (Continued)

S101839029

ECSI:

FIPS Cnty Code: Not reported No

Study Area:

Cerclis ID:

Not reported

Not reported

Not reported

Not reported

Orphan:

No Lat/Long: 45.540 / 122.673

Township Coord.: 0.00 Range Coord.: 0.00

Section Coord.:

Lat/Long: Total Tanks:

Status: Address:

698 N Page ST Not reproted

Substance: Quant. Released: Not reproted Date:

Not reproted Alias Name: Not reported

Not reported Texto: Release Desc.: Not reported

Sampling Start: Not reported

Sample Depth: Not reported Sampling Result: Not reported Obsrvtn Indicator: Not reported

Owner/Operator: Not reported

Medium Description: Minimum Concentration Valve:

Maximum Concentration Valve:

Investigation Status: Coordinator Supplier:

Tax Lots: ECFS Code:

Tax Lots: Township Zone:

Range Zone: Qtr Section: Dunsnumber:

Acc: Code: Suspect Site - Needs Investigation UPS - 3010

> Not reported Not reported Not reported Not reported Not reported Not reported

> Not reported Not reported

Н

Sampling End:

Lab Data Indicator:

Not reported

Not reported

Cascade's combined operation was once located at 698 N. Page. There

appears to be some question as to how they disposed of small quantities of waste brake fluid. Also, appears to be a question

regarding previous use and disposal of solvent.

Not reported

Not reported

Not reported

Data Sources:

Contamination:

NWR

referral from NWR

Hazardous Substance/Waste Types:

Potential use/disposal of solvent and waste brake fluid.

Party Identifier: 10163 Description: Contact

Effective Date: 01-JAN-01 Party Comments: Not reported

Date Comments: Not reported

Operation ECSK: Not reported

Party Name: Not reported Not reported

Phone: Not reported Legal Name: Not reported

Comments: Not reported

Site Status: Not reported Assoc Date: Not reported

Permit Number: Not reported Permit Agency: Not reported Prmt Comments: Not reported End Date:

31-DEC-99

Operation Sequence:

Not reported

Fax:

Not reported

Permit Type:

Not reported

Site

Database(s)

Not reported

Not reported

EDR ID Number EPA ID Number

ESCO PLANT #3 (Continued)

S101838402

Substance:

Quant. Released: Unknown

Date:

Unknown

Alias Name:

Not reported

PHENOLS

Texto:

NWR SW file

Release Desc.:

Data Sources

Sampling Start: Sample Depth:

Not reported Not reported

Sampling Result: Not reported Obsrvtn Indicator: Not reported

Owner/Operator: Not reported

Medium Description:

Not reported

Minimum Concentration Valve: Maximum Concentration Valve:

Not reported Not reported

Contamination:

On June 26, 1980, Pete Ressler (DEQ-NWR) observed a runoff from Esco

Sampling End:

Lab Data Indicator:

property near the railroad tracks.

Data Sources:

Complaint File

Program: , Region: NW

Source File

Program: DEQ SW, Region: NW Esco Sauvie Isi. LF to 2-28-83

Inspection reports

Correspondence FROM owner and/or operator

Monitoring data

Hazardous Waste Manifests

Lab results

Hazardous Substance/Waste Types:

phenols

Manner of Release:

Time of release: Unknown

Pathways & Other Hazards:

Soil contamination, possible de minimus screening candidate.

Remedial Action:

Discharge problem corrected - no apparent removal or remedial action noted -

possible de minimus screening.

Site Location:

NW 25th and Vaughn

Party Affiliation:

None Reported:

Site Status:

Not reported

Assoc Date:

Not reported

Permit Number: Not reported

Permit Type:

Not reported

Permit Agency:

Not reported

Prmt Comments: Not reported

Common Name: ESCO Plant #3

Years/Operation: Not reported

Most Recent FLag:

Yes

Operation Status: Active

Oper. Comment: Manufacturing metal (steel)

MAP FINDINGS

Map ID Direction Distance Elevation

Site

Database(s)

EDR ID Number EPA ID Number

ESCO PLANT #3 (Continued)

S101838402

Administrative Action:

Site Screening recommended (EV)

Admnstrtv Category: Comments:

Remedial Action

Not reported 12-FEB-94

Start Date: Staff Number:

107

Completion: FRT Action Priority: 12-FEB-94 Not reported

Rank Value:

Agency:

Dept of Env. Quality

Region:

Not reported

Administrative Action: Adminstrty Category:

Site added to database Administrative Action

Comments: Start Date:

Not reported 29-JUL-88

123

Completion: FRT Action Priority: 31-DEC-99 Not reported

Not reported

Not reported

Not reported

AUTHO

N

Ε

Staff Number: Rank Value:

0

Agency:

Dept of Env. Quality

Region:

Not reported

ECSF Desc.:

Not reported

77 SSE 1/2-1 Higher **UNOCAL SERVICE STATION #0738**

930 NW 18TH AVE PORTLAND, OR 97209 SHWS LUST

Suspect Site - Needs Investigation

S101839319

N/A

ECSI:

FIPS Cnty Code: Not reported

Study Area: No

Cerclis ID: Orphan:

Lat/Long:

Not reported No

45.530 / 122.688

Township Coord.: 1.00 Range Coord.: 1.00 Section Coord.: 33

Lat/Long: Total Tanks:

Not reported Not reported

Status: Not reported Address: 930 NW 18th AVE Investigation Status:

Coordinator Supplier: Tax Lots: ECFS Code:

Tax Lots: Township Zone:

Range Zone: Qtr Section:

Not reported Not reported Dunsnumber: Not reported

Acc: Code:

TOTAL PETROLEUM HYDROCARBONS (TPH) Substance: Quant. Released: unknown

Date: unknown Alias Name:

Not reported Not reported Texto: Release Desc.: Not reported

Sampling Start: Not reported Sample Depth:

Not reported

Sampling Result: Not reported

Obsrvtn Indicator: Not reported

Sampling End:

Not reported

Owner/Operator: Not reported

Lab Data Indicator:

Not reported

Medium Description: Minimum Concentration Valve: Maximum Concentration Valve:

Not reported Not reported Not reported

Contamination:

(6/29/93 KPD/SAS) Unocal has operated a service station on the site for an unknown length of time. The underground storage tanks were excavated and removed in July 1990. Two areas of petroleum contamination remained. Contamination on the southern site boundry could not be removed without undermining an adjacent building. Resampling on the southern boundry in late 1992 found that the contaminants had biodegraded to non-hazardous levels.

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number EPA ID Number

CASCADE BRAKE PRODUCTS (Continued)

S101839029

Common Name: Cascade Brake Products

Years/Operation: Not reported

Operation Status: Unknown

Most Recent FLag:

Yes

Oper. Comment: brake manufacturing operation

Administrative Action: Listing Review completed Admnstrty Category: Listing Action

Comments:

Start Date:

low priority 28-DEC-90

177

Completion: FRT Action Priority: 28-DEC-90 Not reported

Staff Number: Rank Value:

0

Agency:

Dept of Env. Quality

Region: Not reported

Administrative Action: Admnstrty Category:

Insufficient information to list Listing Action

Comments:

Not reported

Start Date:

28-DEC-90

Completion:

31-DEC-99

Staff Number: 177

FRT Action Priority: Agency:

Not reported Dept of Env. Quality

Rank Value:

Region:

Not reported

Administrative Action: Admnstrty Category:

SITE EVALUATION Remedial Action

Comments: Not reported Start Date:

27-DEC-90 177

27-DEC-90

Staff Number: Rank Value: n FRT Action Priority: Agency:

Not reported Dept of Env. Quality

Region: Not reported

Administrative Action: Site added to database Admnstrty Category: Administrative Action

Comments:

Not reported

Start Date: Staff Number: 13-MAR-90

133

Completion: FRT Action Priority:

Agency:

Completion:

31-DEC-99 Not reported Dept of Env. Quality

Rank Value: Region:

Not reported

ECSF Desc.:

Not reported

89 ENE 1/2-1 Higher PRIESTLEY OIL & CHEMICAL CO. 2429 N BORTHWICK AVE PORTLAND, OR 97227

SHWS OR CRL S102082374

ECSI:

FIPS Cnty Code: Not reported

Study Area: Cerclis ID:

No

Not reported

Orphan:

No

Lat/Long:

Township Coord.: 1.00

Range Coord.: 1.00

Section Coord.: Lat/Long:

Total Tanks: Status:

45.586 / 122.672

27 Not reported Not reported

Not reported Address: 2429 N Borthwick AVE

Substance:

ACETONE Quant. Released: unknown Date: unknown

N/A

Listed on Confirmed Release List

Not reported 2-5, 14-18

AUTHO 2-5, 14-18

Tax Lots: Township Zone: Ν Range Zone: Ε

Investigation Status:

Coordinator Supplier:

Tax Lots:

Acc:

Code:

ECFS Code:

Qtr Section: Dunsnumber:

Not reported Not reported Not reported

Н

Site

Database(s)

EDR ID Number EPA ID Number

PRIESTLEY OIL & CHEMICAL CO. (Continued)

S102082374

Substance:

ETHYLBENZENE

Quant. Released: unknown

Date:

unknown

Substance:

GASOLINE

Quant. Released: unknown

Date:

unknown

Substance:

TOLUENE

Quant, Released: unknown

Date:

unknown

Substance:

XYLENEs

Quant. Released: unknown

Date:

unknown

Substance:

DIESEL - FUEL OIL

Quant. Released: unknown

Date:

unknown

Substance:

TOTAL PETROLEUM HYDROCARBONS (TPH)

Quant, Released: unknown

Date:

unknown

ISOPHORONE

Substance:

Quant. Released: unknown

unknown

Date:

Tarr Inc.

Texto:

Reported contaminant levels were for soil before removal. Remaining

Release Desc.:

Alias Name:

Media Contamination Footnote

Texto:

contamination around transfer piping is presumed to be similar.

Release Desc.:

Media Contamination Footnote

Sampling Start:

Not reported

Sampling End:

Lab Data Indicator:

Not reported

Not reported

Sample Depth:

Not reported

Sampling Result: Not reported

Obsrvtn Indicator: Not reported

Owner/Operator: Not reported Medium Description:

Not reported

Minimum Concentration Valve:

Not reported

Maximum Concentration Valve:

Not reported

Containment Units:

above and below ground tanks, drywells

Contamination:

(4/17/91 ALB/SAS) Extensive petroleum and solvent contamination found in soil during decommissioning of UST; 2800 tons of contaminated soil was removed to the St. Johns Landfill. Large volume of contaminated soil was left in place due to risk of damage to installed transfer piping that would have been undermined. The soil left in place, as well as other locations (floor and walls of excavations), were not adequately characterized as to solvent contamination. Lab methods used were adequate only for screening of samples for solvents. (12/31/92 KPD/SAS) In April 1991, there was an oil spill on a nearby gravel lot which Priestly leased from ODOT to park and store empty oil

Data Sources:

Correspondence FROM owner and/or operator.

trucks and tanks. Soil samples contained up to 51 ppm TPH.

Laboratory results.

Hazardous Substance/Waste Types:

petroleum products, solvents

Site

Database(s)

EDR ID Number EPA ID Number

PRIESTLEY OIL & CHEMICAL CO. (Continued)

S102082374

Health Threats:

Undetermined extent of soil contamination; Willamette River is approximately

1,400 feet from site.

Manner of Release:

unknown

Remedial Action:

(12/31/92 KPD/SAS) Site Assessment recommends that a basic state Preliminary Assessment (PA) be performed to more completely characterize the possible

on-site contamination.

Party Affiliation: None Reported:

Site Status:

Not reported

Assoc Date:

Not reported

Permit Number:

26-3075

Permit Type:

Minimal Source Permit

Permit Agency: AQ

Prmt Comments: expires 2/1/93

Common Name: Priestley Oil & Chemical Co.

Years/Operation: 1960 to present

Operation Status: Active

Listing Action

Listing Action

Most Recent FLag:

Yes

Oper. Comment: bulk oil & chemical wholesaler

Administrative Action: Listing Review completed

Admnstrtv Category:

Comments:

Not reported

Start Date: 17-APR-91 140

Completion:

17-APR-91 FRT Action Priority; Not reported

Staff Number: Rank Value:

Agency:

Dept of Env. Quality

Region: Head Quarters

Administrative Action:

Proposal for Confirmed Release List recommended

Admnstrtv Category:

Comments:

Not reported 18-APR-91

Completion:

18-APR-91

Start Date: Staff Number:

140

FRT Action Priority:

Not reported

Rank Value:

n

Agency:

Dept of Env. Quality

Region:

Head Quarters

Administrative Action: Facility proposed for Confirmed Release List Admnstrtv Category: Listing Action

Comments:

Not reported

Start Date: Staff Number: 27-NOV-92

Completion:

27-NOV-92

Rank Value:

229

FRT Action Priority:

Not reported

Region:

Head Quarters

Agency:

Agency:

Dept of Env. Quality

Administrative Action:

Extension requested by owner/operator

Admnstrty Category: Listing Action

Comments:

Not reported

Start Date: Staff Number: 22-DEC-92 Not reported Completion: FRT Action Priority:

22-DEC-92 Not reported Not reported

Rank Value:

Region:

Not reported

Site

Database(s)

EDR ID Number **EPA ID Number**

PRIESTLEY OIL & CHEMICAL CO. (Continued)

S102082374

Administrative Action:

State Basic Preliminary Assessment recommended (PA)

Facility placed on Confirmed Release List

Adminstrty Category:

Remedial Action

Comments:

Not reported

Start Date:

31-DEC-92

229

Completion: FRT Action Priority: 31-DEC-92 MED

Staff Number: Rank Value:

Agency:

Dept of Env. Quality

Region:

Head Quarters

Administrative Action: Admnstrtv Category:

Listing Action

Comments: Start Date:

Staff Number:

Not reported

06-APR-94

185

Completion: FRT Action Priority: Agency:

06-APR-94 Not reported Dept of Env. Quality

Rank Value: O Region:

Head Quarters

Administrative Action: Listing on Confirmed Release List recommended

Admnstrtv Category: Listing Action

Comments: Start Date:

Not reported

119

05-APR-94

Completion:

05-APR-94 Not reported

Staff Number: Rank Value:

0

FRT Action Priority: Agency:

Dept of Env. Quality

Region: Northwest

Administrative Action: Admnstrtv Category:

Listing on Inventory recommended Listing Action

Comments:

Not reported

Start Date:

05-APR-94

Completion:

Agency:

Agency:

05-APR-94

Staff Number: Rank Value:

119 0

FRT Action Priority:

Not reported Dept of Env. Quality

Region:

Northwest

Administrative Action: Admnstrtv Category:

Site added to database Administrative Action

Comments: Start Date: Staff Number: Not reported 15-OCT-91

140

Completion: FRT Action Priority: 31-DEC-99 Not reported Dept of Env. Quality

Rank Value:

Head Quarters

Administrative Action: Admnstrtv Category:

SITE EVALUATION Remedial Action

Listing Action

Comments:

Region:

Not reported

Start Date: Staff Number: 16-APR-91 Completion:

FRT Action Priority: Agency:

17-APR-92 Not reported Dept of Env. Quality

Rank Value: Region:

Head Quarters

Administrative Action:

Petition or request granted

Admnstrty Category: Comments:

Staff Number:

107

140

0

Not reported 23-DEC-92

Completion: FRT Action Priority:

Agency:

23-DEC-92 Not reported Dept of Env. Quality

Rank Value: Region:

Start Date:

0 Head Quarters

Site

Database(s)

EDR ID Number EPA ID Number

PRIESTLEY OIL & CHEMICAL CO. (Continued)

S102082374

Administrative Action:

Owner/operator comments received on listing notification

Admnstrty Category:

Region:

Listing Action

Comments:

Ltr dated 1/8/93 from Byron C. Tarr, Priestley Oil

Start Date: Staff Number: Rank Value:

08-JAN-93

Not reported

Not reported

FRT Action Priority:

08-JAN-93 Not reported

Agency:

Completion:

Not reported

Administrative Action:

SITE PRIORITY EVALUATION FOR FURTHER ACTION Remedial Action

Admnstrtv Category:

Not reported

Comments: Start Date: Staff Number:

Rank Value:

24-DEC-92

229

Completion: FRT Action Priority: 30-DEC-92 Not reported

Agency:

Dept of Env. Quality

Region: **Head Quarters**

Administrative Action:

Review for final listing Admnstrtv Category: Listing Action

Comments:

Not reported

Start Date: Staff Number: 04-APR-94 119

Completion: FRT Action Priority: 05-APR-94 Not reported

Rank Value:

0 Northwest Agency:

Dept of Env. Quality

Region:

ECSF Desc.:

Owner, operator or other party under state or federal authority

OR CRL:

Facility ID:

1139 SOIL

Media Affected:

Current Program: Site Response Section

Cleanup Status:

Phase I - Remedial investigation and feasibility studies have not been

initiated

Substances:

ACETONE DIESEL - FUEL OIL ETHYLBENZENE GASOLINE ISOPHORONE TOLUENE

Investigation Status:

Coordinator Supplier:

Tax Lots:

Tax Lots:

ECFS Code:

Range Zone:

Dunsnumber:

Qtr Section:

Acc:

Code:

Township Zone:

TOTAL PETROLEUM HYDROCARBONS (TPH) XYLENES

90 SSE 1/2-1 Higher STAGES BUILDING 418 NW 11TH AVE PORTLAND, OR 97209

UST SHWS

No Further Action

Not reported

Not reported

Not reported

Not reported

AUTHO

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Ε

Н

U001150053 N/A

OR VCS LUST

2,3,6,7,Block72,Couch Addition

2,3,6,7,Block72,Couch Addition

ECSI:

FIPS Cnty Code: Not reported

Study Area: Cerdis ID:

Orphan:

Lat/Long:

No

Not reported

Νo

45,526 / 122,654

Township Coord.: 1.00 Range Coord.: 1.00

Section Coord.:

Lat/Long: Total Tanks:

Not reported Not reported Not reported

Status: Address:

418 NW 11th AVE

Substance:

ACENAPHTHENE

Quant. Released: unknown Date:

Substance:

ANTHRACENE

Quant. Released: unknown Date:

unknown

unknown

Site

Database(s)

EDR ID Number EPA ID Number

STAGES BUILDING (Continued)

U001150053

Substance:

BENZO(a)PYRENE

Quant. Released: unknown

Date:

unknown

Substance:

BENZO(ghi)PERYLENE

Date:

Quant. Released: unknown unknown

FLUORENE

Substance:

Quant. Released: unknown

Date:

unknown

Substance:

NAPHTHALENE

Quant. Released: unknown

Substance:

Date:

unknown

Quant. Released: unknown

TETRACHLOROETHYLENE

Date:

unknown

GASOLINE

Substance:

Quant, Released: unknown

unknown

Date:

Substance:

DIESEL - FUEL OIL

Date:

Quant. Released: unknown unknown

Substance:

TOTAL PETROLEUM HYDROCARBONS (TPH)

Quant, Released: unknown

Date:

unknown

Substance:

TRICHLOROETHANE,1,1,1-

Quant, Released: unknown

Date:

unknown

Substance:

TRIMETHYLBENZENE, 1, 2, 4-Quant. Released: unknown

Date:

unknown

Alias Name:

Not reported

Texto:

Not reported

Release Desc.:

Not reported

Sampling Start:

Sample Depth:

Not reported

Not reported

Sampling Result: Not reported

Obsrvtn Indicator: Not reported

Owner/Operator: Not reported

Medium Description:

Not reported

Minimum Concentration Valve:

Not reported

Maximum Concentration Valve:

Not reported

Contamination:

The Stages Building is a structure that occupies about 20,000 square feet and, dating back to the 1920s, was historically used as a bus maintenance and repair facility, a radiator repair shop, a paint shop, and a concrete factory. The facility's underground fuel tanks were removed in 1992 when the site's owners initiated environmental investigations of the property. In addition to finding soil contamination associated with the UST system, the 1992 evaluations turned up hydrocarbon contamination in the vicinity of two wash racks/sumps. Wash rack removal and some soil excavation/removal occurred at the site in 1994. DEQ's LUST section has provided oversight

Sampling End:

Lab Data Indicator:

Not reported

Not reported

Site

Database(s)

EDR ID Number EPA ID Number

STAGES BUILDING (Continued)

U001150053

for the UST-related contamination (LUST #92-083), but referred the wash rack contamination to Site Assessment in September 1994. None of the soil excavations or borings has encountered any groundwater. Contaminants associated with soil beneath the former wash racks are primarily diesel and heavier petroleum compounds.

Data Sources:

NWR LUST file #26-92-083

General Site Description:

No groundwater was encountered in borings drilled as deep as 21 feet below ground.

Hazardous Substance/Waste Types:

petroleum hydrocarbons, PAHs, chlorinated VOCs

Health Threats:

Possible direct contact with contaminated soils, especially if the site is redeveloped.

Manner of Release:

Unknown.

Media Contamination:

Soil is affected.

Project Activity Status:

Public comment period completed 5/30/95. No comments received. NFA for non-UST sources issued 6/95. VCS project closed out.

Project Issues Summary:

Pockets of contam. in vicinity of historical wash racks.

Quarterly Planning Summary:

Project closed out.

Remedial Action:

The March 1992 UST removal resulted in the stockpiling within the building of about 83 tons of petroleum-contaminated soll, which was later disposed of off-site. There appears to be low levels of residual soil contamination in the former UST areas (see LUST file #25-92-83 in DEQ's Northwest Region office). Removal of the wash racks in 1994 involved pumping emulsified oily water into 28 55-gallon drums and then excavation 174 tons of contaminated soil. The contractor doing this work left pockets of contaminated soil in place in both the north and south wash rack areas, citing the possibility that further excavation would cause structural damage to the building. Contaminants remaining in the ground include gasoline, diesel, and heavy oil. There are also low concentrations of several polynuclear aromatic hydrocarbons (PAHs) and at least two chlorinated solvents. The most applicable exposure pathway at this site is likely to be direct contact with soil, especially if the site is redeveloped. As long as the building remains as is, Site Assessment recommends maintaining the long-term institutional control barrier between subsurface soils and any persons occupying the site. Cleanup of residual pockets of contaminated soil should accompany any redevlopment of the site. Party joined VCP in 3/95 to obtain oversight for evaluation of pockets remaining in wash rack area. VCS review concluded that pockets were limited and excavation posed threat to building structure. NFA recommended with deed notice reflecting need for further work should building structures be removed. Public comment period held and NFA finalized 6/95.

Permit Type:

Not reported

Party Affiliation:

None Reported:

Site Status: Assoc Date: Not reported Not reported

Permit Number:

Not reported

Permit Agency:

Not reported

Prmt Comments: Not reported

Site

Database(s)

Yes

02-MAR-95

Not reported

03-MAR-95

Not reported

06-JUN-95

Not reported

Dept of Env. Quality

Dept of Env. Quality

Dept of Env. Quality

EDR ID Number EPA ID Number

STAGES BUILDING (Continued)

U001150053

Common Name: Stages Building

Years/Operation: 1927-1991

Operation Status: Inactive Most Recent FLag:

Oper, Comment: Former bus maintenance depot from 1949 to 1985.

SITE EVALUATION Administrative Action: Admnstrty Category: Remedial Action

Comments:

Not reported

Start Date: Staff Number:

07-SEP-94 Completion: 283 FRT Action Priority:

Rank Value: 0 Agency:

Region: Northwest

Administrative Action: Listing Review completed

Admnstrtv Category:

Listing Action Not reported

Comments: Start Date:

Staff Number: Rank Value: 0

02-MAR-95 283

FRT Action Priority: Agency:

Completion:

Not reported Dept of Env. Quality

Region: Northwest

Administrative Action: Proposal for Confirmed Release List recommended

Admnstrty Category: Listing Action

Comments: Not reported

Start Date: 03-MAR-95 Staff Number: 283

Completion: 03-MAR-95 FRT Action Priority: Not reported Agency: Dept of Env. Quality

Rank Value: 0 Northwest Region:

Administrative Action: Long Term Care/Control recommended (OM)

Admnstrtv Category: Remedial Action

Comments: maintain protective barrier between subsurface contaminated soil and persons

who may occupy the site.

Start Date: 03-MAR-95 283 Staff Number:

Completion: 03-MAR-95

Agency:

FRT Action Priority:

Rank Value: n Region: Northwest

Administrative Action: **NEGOTIATIONS** Admnstrty Category: Remedial Action

Comments: Not reported

Start Date: 20-MAR-95 Staff Number: 227

Completion: FRT Action Priority:

Rank Value: Agency: Region: Northwest

Administrative Action: Site added to database Admnstrty Category: Administrative Action

Comments: Not reported Start Date: 16-MAR-95 Staff Number: 283 0 Rank Value:

Completion: 31-DEC-99 FRT Action Priority: Not reported Agency: Dept of Env. Quality

Region: Northwest PRELIMINARY ASSESSMENT EQUIVALENT

Map ID Direction Distance Elevation

Site

Database(s)

EDR ID Number **EPA ID Number**

STAGES BUILDING (Continued)

U001150053

Administrative Action:

Admnstrtv Category:

Remedial Action Not reported

Comments:

15-MAR-95

Start Date: Staff Number:

227

Completion:

FRT Action Priority:

15-APR-95 Not reported

Rank Value:

Agency:

Dept of Env. Quality

Region:

Northwest

Administrative Action: Admnstrtv Category:

REMOVAL Remedial Action

Comments: Start Date:

20-MAR-95

(Review of work completed in 1994.)

227

Completion: FRT Action Priority: 06-JUN-95 Not reported

Staff Number: Rank Value:

0

Agency:

Dept of Env. Quality

Region: Northwest

Administrative Action:

NO FURTHER STATE ACTION REQUIRED Remedial Action

Admnstrtv Category: Comments:

Not reported

Start Date: Staff Number: 01-MAY-95 227

Completion:

06-JUN-95 Not reported

Rank Value:

0

FRT Action Priority: Agency:

Dept of Env. Quality

Region: Northwest

ECSF Desc.:

Owner, operator or other party under state or federal authority

LUST:

Facility ID:

26-92-0083

Region:

NWR

Clean Lead: Closed Date: Not reported Not reported Cleanup Start Date: Cleanup Completion: 24-MAR-92 23-JUN-95

OR VCS:

Facility ID: PRP:

1662

Media: Substance: Not reported SOIL Not reported

Current Phase: Phase Date:

Not reported Not reported

Phase Effective:

PUBLIC COMMENT PERIOD COMPLETED 5/30/95. NO COMMENTS RECEIVED, NFA FOR

NON-UST SOURCES ISSUED 6/95. VCS PROJECT CLOSED OUT.

UST:

Facility ID:

10976

Facility Tel:

Not reported

Permittee: Not reported

Num of Active Tanks:

Not reported

Num of Decommissioned Tanks

91 East 1/2 - 1Higher MASTER CHEMICAL INC. 642 N TILLAMOOK ST PORTLAND, OR 97227

SHWS

S101839251 N/A

Site

Database(s)

Lot 11, Block 93, Albina Addn

Lot 11, Block 93, Albina Addn

No Further Action

EPA - Regional

Not reported

Not reported

Not reported

Ε CDAB **EDR ID Number EPA ID Number**

MASTER CHEMICAL INC. (Continued)

S101839251

ECSI:

FIPS Cnty Code: Not reported

Study Area:

No

1.00

27

058147166

Cerclis ID: Orphan:

No

45.538 / 122.672 Lat/Long: Township Coord.: 1.00

Range Coord.: Section Coord.:

Lat/Long: Total Tanks: Status:

Address:

Substance:

Not reported Not reported

Not reported

642 N Tillamook ST

Not reproted Quant. Released: Not reproted Not reproted

Date: M-Co, Incorporated Alias Name:

Not reported Texto: Release Desc.: Not reported

Sampling Start: Not reported Sample Depth: Not reported

Sampling Result: Not reported Obsrvtn Indicator: Not reported

Owner/Operator: Not reported

Medium Description:

Not reported Minimum Concentration Valve: Not reported Not reported Maximum Concentration Valve:

Sampling End:

Investigation Status:

Coordinator Supplier:

Tax Lots:

Tax Lots:

ECFS Code:

Township Zone:

Range Zone:

Dunsnumber:

Qtr Section:

Acc:

Code:

Not reported

Lab Data Indicator:

Not reported

General Site Description:

Small facility in a small industrial area along North Tillamook, Business at same location for over 55-years. Portland Water Bureau owns property behind (to south of) site.

Hazardous Substance/Waste Types:

With the exceptions of caustic, sodium hypochlorite solutions, and chlorine gas, substances on site were generally not toxic.

Project Issues Summary:

There is no indication that significant spills have ever occured at the site, or that any kind of persistant toxic substances have ever been used at the site. Only hazardous substances that have been used at Master Chemical are sodium hydroxide (caustic), sodium hypochlorite solution (bleach), and chlorinegas (dissipates).

Site Contacts:

Current site leasee is Randy Fortmiller, a former employee of Master Chemical and M-Co who is now attempting to set up a new business - manufacturing environmentally safe cleaners. Mr. Fortmiller is leasing from Master Chemical and M-Co owner Margie Wilhelm. Randy Fortmiller: 656-9369; 1010 Beatrice Street, Gladstone. Margie Wilhelm: P.O. Box 452, Lake Oswego 97034; 19426 South Beavercreek Road, Oregon City.

Site Location:

Across Willamette River from (northeast of) downtown Portland. Just southwest of I-5. Midway between the Fremont and Broadway bridges.

Site Ownership:

Site has been owned by Margie Wilhelm since 1972.

Party Affiliation: None Reported:

Site

Database(s)

EDR ID Number **EPA ID Number**

MASTER CHEMICAL INC. (Continued)

S101839251

Site Status:

Not reported

Assoc Date:

Not reported

Permit Number: Not reported

Permit Type:

Not reported

Permit Agency:

Not reported Prmt Comments: Not reported

Common Name: Master Chemical Inc.

Years/Operation: Over 55 years

Operation Status: Unknown

Most Recent FLag:

Yes

Oper. Comment: Not reported

Administrative Action:

No Further Remedial Action Planned under Federal program EPA Led Action

Admnstrtv Category:

Comments: Start Date:

Not reported

14-SEP-84 Not reported Completion:

14-SEP-84

Staff Number:

FRT Action Priority:

Not reported

Rank Value:

Agency:

EPA

Region: Not reported

Site Screening recommended (EV)

Administrative Action: Admnstrty Category:

Comments:

Not reported

12-FEB-94

Completion:

12-FEB-94

Start Date: Staff Number:

107

FRT Action Priority:

Not reported

Rank Value:

0

Agency:

Dept of Env. Quality

Region:

Head Quarters

Administrative Action: EPA PA1/SI1

Admnstrtv Category:

EPA Led Action

Remedial Action

Comments:

State lead

30-AUG-84

Start Date:

Completion:

14-SEP-84

Staff Number: Rank Value:

Not reported FRT Action Priority:

Agency:

Not reported **EPA**

Region:

Not reported

Site added to database Administrative Action

Administrative Action: Admnstrty Category:

Comments:

Not reported

Start Date: 23-JAN-93 Staff Number: 107

Completion: FRT Action Priority: 31-DEC-99 Not reported

Rank Value:

0

Agency:

Dept of Env. Quality

Region:

Head Quarters

Administrative Action:

SITE EVALUATION

Admnstrty Category:

Remedial Action

Comments: Start Date:

Staff Number:

State Screening 18-AUG-95

Completion: FRT Action Priority:

Agency:

23-AUG-95 Not reported

Rank Value: Region:

0 Northwest

271

Dept of Env. Quality

Site

Database(s)

EDR ID Number **EPA ID Number**

MASTER CHEMICAL INC. (Continued)

S101839251

Administrative Action:

Site added to CERCLIS

Admnstrty Category:

EPA Led Action

Comments:

Not reported 01-JAN-83

Start Date: Staff Number: Rank Value:

Not reported

Completion: FRT Action Priority: 31-DEC-99 Not reported

Agency:

EPA

Region: Not reported

Administrative Action: Admnstrtv Category:

Listing Review completed Listing Action

Comments:

Not reported

Start Date:

23-AUG-95

271

Completion: FRT Action Priority: 23-AUG-95

Staff Number: Rank Value:

Not reported

Agency:

Dept of Env. Quality

Region: Northwest

Administrative Action:

NO FURTHER STATE ACTION REQUIRED

Admnstrtv Category:

Remedial Action

Comments:

Not reported

Start Date:

23-AUG-95

Completion:

23-AUG-95

Staff Number:

271

FRT Action Priority:

Not reported

Rank Value:

Agency:

Dept of Env. Quality

Region:

Northwest

ECSF Desc.:

Not reported

NUDELMAN & SON INC. 2707 NW NELA ST

SHWS

WNW 1/2-1 Higher

092

PORTLAND, OR 97210

FIPS Cnty Code: Not reported

Study Area:

No

Cerclis ID:

027744093

Orphan:

No

Lat/Long:

45.544 / 122.709 Township Coord.: 0.00 0.00

Range Coord.: Section Coord.:

Lat/Long: Total Tanks: 0 Not reported Not reported Not reported

Status: Address:

2707 NW Nela ST

Substance:

Date:

Not reproted Quant. Released: Not reproted

Not reproted

Alias Name: Texto:

Release Desc.:

Not reported Not reported Not reported

S101838963

N/A

Investigation Status: Coordinator Supplier:

Tax Lots: ECFS Code:

Tax Lots: Township Zone: Range Zone:

Qtr Section: Dunsnumber: Acc:

Code:

Suspect Site - Needs Investigation UPS - 3100

Not reported Not reported Not reported Not reported Not reported Not reported

Not reported Not reported Н

Site

Database(s)

EDR ID Number EPA ID Number

NUDELMAN & SON INC. (Continued)

S101838963

Sampling Start:

Not reported Not reported Sampling End:

Not reported

Sample Depth: Sampling Result: Not reported

Obsrvtn Indicator: Not reported

Lab Data Indicator:

Not reported

Owner/Operator: Not reported

Medium Description: Minimum Concentration Valve:

Not reported Not reported

Maximum Concentration Valve:

Not reported

Remedial Action:

PA transmitted to owner/operator 6/8/89.

Party Affiliation:

None Reported:

Site Status: Assoc Date: Not reported Not reported

Permit Number: Not reported

Permit Type:

Not reported

Permit Agency:

Not reported

Prmt Comments: Not reported

Common Name: Nudelman & Son Inc. Years/Operation: Not reported

Operation Status: Unknown

Most Recent FLag:

Yes

Oper. Comment: Not reported

Administrative Action:

BASIC PRELIMINARY ASSESSEMENT

Admnstrtv Category: Remedial Action

Comments:

Federal.

13-MAR-89 Start Date:

Completion:

08-JUN-89

Staff Number:

123

FRT Action Priority:

Not reported

Rank Value:

n

Agency:

Dept of Env. Quality

Region:

Head Quarters

No Further Remedial Action Planned under Federal program

Administrative Action: Admnstrty Category:

EPA Led Action

Comments: Start Date:

Not reported

19-MAY-89

Completion:

19-MAY-89

Staff Number:

Not reported

FRT Action Priority:

Not reported

Rank Value:

0

EPA

Region:

Not reported

08-JUN-89

Agency:

Administrative Action:

Admnstrty Category: Comments:

Administrative Action

Not reported

Site added to database

Completion:

31-DEC-99 Not reported

Start Date: Staff Number: Rank Value:

123 0

FRT Action Priority: Agency:

Dept of Env. Quality

Region:

Head Quarters

SITE EVALUATION Administrative Action: Admnstrty Category: Remedial Action

Comments:

Not reported

Completion:

12-MAR-89 Not reported

Start Date: Staff Number: Rank Value:

12-MAR-89 123

FRT Action Priority: Agency:

Dept of Env. Quality

Region:

Head Quarters

MAP FINDINGS

Map ID Direction Distance Elevation

Site

Database(s)

EDR ID Number EPA ID Number

NUDELMAN & SON INC. (Continued)

S101838963

Administrative Action:

State Basic Preliminary Assessment recommended (PA)

Admnstrtv Category:

Remedial Action

Comments:

Not reported 12-MAR-89

Start Date: Staff Number:

123

Completion: FRT Action Priority:

12-MAR-89 Not reported

Rank Value:

Agency:

Dept of Env. Quality

Region:

Head Quarters

Administrative Action: Admnstrty Category:

Site added to CERCLIS **EPA Led Action**

Comments:

Not reported

Start Date:

Region:

06-OCT-88

Not reported

Completion: FRT Action Priority:

Investigation Status:

Coordinator Supplier:

Tax Lots:

Tax Lots:

ECFS Code:

Range Zone:

Otr Section:

Acc:

Code:

Dunsnumber:

Township Zone:

31-DEC-99 Not reported

Staff Number: Rank Value:

Not reported

ECSF Desc.:

Not reported

EPA

Agency:

093 WNW 1/2-1 Higher LONGVIEW CITY LAUNDRY & CLEANERS INC 2737 NW NELA ST

PORTLAND, OR 97210

RCRIS-SQG SHWS

1001128165 ORQ000005140

OR VCS

Suspect Site - Needs Investigation

Not reported

Н

RCRIS:

Owner:

LONGVIEW CITY LAUNDRY & CLEANERS, INC.

(503) 694-2671

Contact:

JIM BURNETT

(503) 625-2560

Record Date:

Not reported Not reported

Classification: Used Oil Recyc: No

Violation Status: No violations found

ECSI:

FIPS Cnty Code: Not reported

Study Area:

No

Cerclis ID: Not reported

Orphan:

No

Lat/Long: 0.0000 / 0.0000

Township Coord.: 0.00 Range Coord.: 0.00

Section Coord.:

Lat/Long:

Total Tanks: Status:

Not reported Not reported Not reported

Address:

2737 NW Nela ST

Substance: DIESEL - FUEL OIL

Quant. Released: unknown Date: unknown

Substance: Quant, Released: unknown

LEAD

Date:

unknown

Site

Database(s)

EDR ID Number EPA ID Number

LONGVIEW CITY LAUNDRY & CLEANERS INC (Continued)

1001128165

Substance:

Quant, Released: unknown

Date:

unknown

BENZENE

Substance:

ARSENIC

Quant, Released; unknown

Date:

unknown

Substance:

IRON Quant, Released: unknown

Date:

unknown

Substance:

MANGANESE

Quant. Released: unknown

Date:

unknown

Substance:

CADMIUM

Quant. Released: unknown

Date:

unknown

Substance:

Quant, Released: unknown

CHROMIUM

Date:

unknown

Substance:

PCBs

Quant. Released: unknown

LCL&C

Date:

unknown

Texto:

Alias Name:

Mineral spirits were also detected in groundwater (6.8 mg/l) and soil (460 Media Contamination Footnote

Release Desc.:

ppm). Texto:

Release Desc.: Media Contamination Footnote

Sampling Start:

Not reported

Not reported

Sampling End:

Not reported

Sample Depth:

Not reported

Sampling Result: Not reported

Obsrvtn Indicator: Not reported

Owner/Operator: Not reported

Lab Data Indicator:

Not reported

Medium Description: Minimum Concentration Valve:

Not reported Maximum Concentration Valve: Not reported

Contamination:

(10/14/92 RP/NWR) DEQ/NWR reviewed a report detailing soil and groundwater contamination at the LCL&C site. Levels of benzene, iron, lead, arsenic, and manganese are above the MCLs for drinking water (but the shallow aquifer in this area does not appear to be used for drinking water). The site is surrounded by other sites of confirmed or suspected releases, including ECSI sites #404 and #966. Apparently, LCL&C is on top of old fill material from the City's incinerator and it is their opinion that is the cause of the heavy metal contamination. LCL&C is currently working on a settlement with the City for remediation of the heavy metal contaminated soils. LCL&C also feels that the hydrocarbon contamination of groundwater and perhaps soil may be due to migration from off-site sources. ECSI site #966 is adjacent, supposedly upgradient, and alleged to have 2 leaking, unregistered underground storage tanks (USTs). LCL&C has filed a civil complaint against the owners of the Nudelman site, since LCL&C does not believe there's an on-site source for the hydrocarbon contamination.

Data Sources:

1) NWR correspondence

Site

Database(s)

EDR ID Number EPA ID Number

LONGVIEW CITY LAUNDRY & CLEANERS INC (Continued)

1001128165

1) 7/1/92 assessment prepared for LCL&C by NW Geological Services (no file copy in headquarters, contact NWR for the report)

Hazardous Substance/Waste Types:

Mineral spirits, heavy metals, diesel fuel, and traces of PCBs.

Manner of Release:

Unknown

Pathways & Other Hazards:

Also see ECSI site #404 (Guilds Lake, formerly Marathon) and #966 (Nudelman &

Son).

Remedial Action:

(10/14/92 RP/NWR) Options letter sent. (9/2/93 GMW/SAS) LCL&C plans further assessment or evaluation of site only if required by DEQ or if such work would be adequate to convince DEQ that contamination found on-site derives from off-site sources, and that LCL&C is therefore not the responsible party.

(7/24/95 KLU/VCS) Site added to the VCS Waiting List.

Party Affiliation: None Reported:

Site Status: Assoc Date: Not reported Not reported

Permit Number:

Not reported

Permit Type:

Not reported

Permit Agency: Not reported Prmt Comments: Not reported

Common Name: Longview City Laundry & Cleaners

Years/Operation: unknown

Operation Status: Active

Most Recent FLag:

Yes

Oper. Comment: Former laundry operation; not a dry cleaners.

Administrative Action:

SITE EVALUATION Admnstrtv Category: Remedial Action

Comments:

Not reported

Start Date: Staff Number:

01-SEP-93

283

Completion: FRT Action Priority: 01-SEP-93

Rank Value:

Not reported

Agency:

Dept of Env. Quality

Region:

Northwest

Administrative Action: Admnstrty Category:

Listing Action

Comments:

Pending completion of LCL&C's further site investigation.

Insufficient information to list

Start Date:

02-SEP-93

Completion:

31-DEC-99

Staff Number:

283

FRT Action Priority:

Not reported

Rank Value:

0

0

Agency:

Dept of Env. Quality

Region: Northwest

Administrative Action:

State Basic Preliminary Assessment recommended (PA)

Adminstrty Category: Remedial Action

Comments:

Not reported

Start Date:

03-SEP-93

Completion:

03-SEP-93 MED

Staff Number: Rank Value:

283 0

FRT Action Priority: Agency:

Dept of Env. Quality

Region:

Northwest

Site

EDR ID Number Database(s) EPA ID Number

1001128165

LONGVIEW CITY LAUNDRY & CLEANERS INC (Continued)

Administrative Action:

Listing Review completed

Admnstrty Category:

Listing Action

Comments:

Rank Value:

Region:

Not reported 02-SEP-93

Start Date: Staff Number:

283

Northwest

Administrative Action: Admnstrtv Category:

Site added to database Administrative Action

NEGOTIATIONS

Remedial Action

Comments:

Not reported 28-JUN-93

Start Date: Staff Number: 185

Rank Value: 6

Region: **Head Quarters**

Administrative Action: VCS Waiting List

Admnstrty Category: Comments:

Remedial Action Not reported 14-JUL-95

Start Date: Staff Number:

237

Northwest

Not reported

Rank Value: Region:

Northwest

Administrative Action: Admnstrtv Category:

Not reported Comments: Start Date:

15-APR-96 Staff Number: 497 Rank Value: Ω

Region: ECSF Desc.:

Completion:

FRT Action Priority:

Agency:

02-SEP-93 Not reported

Dept of Env. Quality

Completion:

FRT Action Priority:

Agency:

31-DEC-99 Not reported

Dept of Env. Quality

Completion:

FRT Action Priority: Agency:

Not reported Dept of Env. Quality

12-APR-96

Completion: FRT Action Priority: 31-DEC-99 Not reported

Dept of Env. Quality Agency:

94 SSE 1/2-1 Higher

PORTLAND GAS CO. 1339 N.W. COUCH PORTLAND, OR 97209 **Coal Gas**

G000001248 N/A

COAL GAS SITE DESCRIPTION:

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ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
MULTNOMAH COUNTY	\$102456500	RMAC	S22;T1N;R3EWM		SWF/LF	
MULTNOMAH COUNTY	S102456484	BOB'S SANITARY SERVICE, INC. SLUDGE SITE	\$28,29,32,T2NR1E		SWF/LF	
MULTNOMAH COUNTY	S102456498	PORTLAND COMPOST FACILITY	SEC 18,T1N,R2E		SWF/LF	
MULTNOMAH COUNTY	S102456509	SUNFLOWER RECYCLING	SEC03,T01S,R01E		SWF/LF	
MULTNOMAH COUNTY	S102456503	SONAS SOIL RESOURCE RECOVERY OF OREGON,	SEC26,T2N,R1W		SWF/LF	
MULTNOMAH COUNTY	S100453264	OBRIST TROUTDALE LANDFILL	SEC36,T01N,R03E		SWF/LF	
MULTNOMAH COUNTY	S102456507	ST. JOHNS LANDFILL	SEC36,T02N,R01W		SWF/LF	
PORTLAND	1000644241	GRIFFITH AUBBER MILLS	2439 NW 22ND	97210	FINDS, UST	2884
PORTLAND	S101839636	GROUNDWATER - NW 22ND AVENUE	NW 22ND AVE	97210	SHWS	
PORTLAND	S102534714	ODOT - SURPLUS PROPERTY	NW 22ND AVE		SHWS, OR VCS	
PORTLAND	\$102521331	WILLBRIDGE BULK FUEL AREA	NW DOANE AVE	97210	SHWS	
PORTLAND	1000644118	LONE STAR NORTHWEST FRONT ST	5034 FRONT ST	97210	RCRIS-SQG, FINDS	
PORTLAND	1001197786	OLIN MICROELECTRONIC MATERIALS	5740B NW FRONT AVE	97210	RCRIS-LQG	
PORTLAND	S101838916	NORTH WATERFRONT PARK	NW FRONT AVE	97209	SHWS	
PORTLAND	\$102521391	UNION STATION AGRICULTURAL MARKETING CEN	NW NAITO PKWY		SHWS	
PORTLAND	S100453134	ESCO SAUVIE ISLAND	SOUTH TIP OF SAUVIE ISLAND		SWF/LF	
PORTLAND	S102082492	UNION STATION - TRACK #5	UNION STATION	97209	SHWS, OR CRL, OR VCS	1414

GEOCHECK VERSION 2.1 ADDENDUM FEDERAL DATABASE WELL INFORMATION

Well Closest to Target Property (Northern Quadrant)

BASIC WELL DATA

Site ID:

453318122414601

Distance from TP:

1 - 2 Miles

Site Type:

1957

Single well, other than collector or Ranney type County:

Multnomah

Year Constructed: Altitude:

22.00 ft.

State: Oregon

Well Depth:

189.00 ft. 30.00 ft.

Topographic Setting: Not Reported Prim. Use of Site:

Depth to Water Table:

Withdrawal of water

Date Measured:

10131957

Prim. Use of Water:

Industrial

LITHOLOGIC DATA

Not Reported

WATER LEVEL VARIABILITY

Not Reported

GEOCHECK VERSION 2.1 FEDERAL DATABASE WELL INFORMATION

Well Closest to Target Property (Eastern Quadrant)

BASIC WELL DATA

Site ID:

453155122400801

Distance from TP:

1 - 2 Miles

Site Type:

Single well, other than collector or Ranney type 1959

County:

Multnomah

Year Constructed: Altitude: Well Depth:

70.00 ft. 300.00 ft. State: Topographic Setting: Not Reported

Oregon

Depth to Water Table:

70.00 ft.

Prim. Use of Site:

Withdrawal of water

Date Measured:

07251959

Prim. Use of Water: Industrial

LITHOLOGIC DATA

Not Reported

WATER LEVEL VARIABILITY

Not Reported

GEOCHECK VERSION 2.1 FEDERAL DATABASE WELL INFORMATION

Well Closest to Target Property (Southern Quadrant)

BASIC WELL DATA

Site ID: Site Type: 453129122413601

Distance from TP:

1/2 - 1 Mile

Year Constructed:

Altitude:

Single well, other than collector or Ranney type 1946 125.00 ft.

County: State:

Multnomah Oregon

Well Depth: Depth to Water Table: 563.00 ft. 103.00 ft. 11031978 Topographic Setting: Prim. Use of Site:

Hillside (slope) Withdrawal of water

Prim. Use of Water: Industrial

Date Measured: LITHOLOGIC DATA

Not Reported

WATER LEVEL VARIABILITY

v	MICH CEVEL VA	MADILITI						
	Water Level:	101.00 ft.	Water Level:	100.50 ft.	Water Level:	99.50 ft.	Water Level:	129.00 ft.
	Date Measured:	01/02/62	Date Measured:	02/26/62	Date Measured:	05/31/62	Date Measured:	08/30/62
	Water Level:	100.50 ft.	Water Level:	100.00 ft.	Water Level:	127.00 ft.	Water Level:	105.00 ft.
	Date Measured:	03/19/63	Date Measured:	06/06/63	Date Measured:	08/29/63	Date Measured:	12/12/63
	Water Level:	105.00 ft.	Water Level:	104.00 ft.	Water Level:	103.00 ft.	Water Level:	104.50 ft.
	Date Measured:	03/09/64	Date Measured:	06/10/64	Date Measured:	09/08/64	Date Measured:	12/07/64
	Water Level:	102.00 ft.	Water Level:	102.00 ft.	Water Level:	104.00 ft.	Water Level:	105.00 ft.
	Date Measured:	03/09/65	Date Measured:	05/26/65	Date Measured:	09/09/65	Date Measured:	12/06/65
	Water Level:	104.50 ft.	Water Level:	152.00 ft.	Water Level:	149.00 ft.	Water Level:	107.50 ft.
	Date Measured:	02/28/66	Date Measured:	06/07/66	Date Measured:	08/17/66	Date Measured:	12/08/66
	Water Level:	105.50 ft.	Water Level:	106.00 ft.	Water Level:	170.00 ft.	Water Level:	107.00 ft.
	Date Measured:	02/21/67	Date Measured:	05/24/67	Date Measured:	08/16/67	Date Measured:	11/13/67
	Water Level:	106.00 ft.	Water Level:	175.00 ft.	Water Level:	148.00 ft.	Water Level:	107.50 ft.
	Date Measured:	02/14/68	Date Measured:	05/03/68	Date Measured:	08/14/68	Date Measured:	11/12/68
	Water Level:	105.00 ft.	Water Level:	146.00 ft.	Water Level:	150.00 ft.	Water Level:	105.50 ft.
	Date Measured:	02/25/69	Date Measured:	05/15/69	Date Measured:	08/21/69	Date Measured:	11/06/69
	Water Level:	104.50 ft.	Water Level:	104.00 ft.	Water Level:	148.00 ft.	Water Level:	105.50 ft.
	Date Measured:	02/11/70	Date Measured:	05/14/70	Date Measured:	08/14/70	Date Measured:	11/10/70
	Water Level:	103.50 ft.	Water Level:	104.00 ft.	Water Level:	141.00 ft.	Water Level:	102.00 ft.
	Date Measured:	03/03/71	Date Measured:	06/03/71	Date Measured:	08/17/71	Date Measured:	03/03/72
	Water Level:	119.00 ft.	Water Level:	104.00 ft.	Water Level:	150.00 ft.	Water Level:	116.00 ft.
	Date Measured:	07/07/72	Date Measured:	10/27/72	Date Measured:	07/30/74	Date Measured:	11/01/74
	Water Level:	101.50 ft.	Water Level:	101.00 ft.	Water Level:	153.00 ft.	Water Level:	119.00 ft.
	Date Measured:	03/03/75	Date Measured:	05/02/75	Date Measured:	08/01/75	Date Measured:	11/10/75
	Water Level:	103.00 ft.	Water Level:	144.00 ft.	Water Level:	103.00 ft.	Water Level:	106.00 ft.
	Date Measured:	02/06/76	Date Measured:	08/12/76	Date Measured:	11/12/76	Date Measured:	02/04/77
	Water Level:	104.00 ft.	Water Level:	147.00 ft.	Water Level:	103.00 ft.	Water Level:	102.00 ft.
	Date Measured:	05/05/77	Date Measured:	08/05/77	Date Measured:	02/10/78	Date Measured:	05/05/78
	Water Level:	103.00 ft.	Water Level:	212.00 ft.	Water Level:	94.60 ft.	Water Level:	238.50 ft.
	Date Measured:	11/03/78	Date Measured:	04/24/86	Date Measured:	10/29/86	Date Measured:	04/07/87
	Water Level:	241,00 ft.	Water Level:	90.93 ft.	Water Level:	95.74 ft.	Water Level:	95.98 ft.
	Date Measured:	09/25/87	Date Measured:	03/28/88	Date Measured:	07/28/88	Date Measured:	10/10/88
	Water Level: Date Measured:	94.09 ft. 04/14/89	Water Level: Date Measured:	97.95 ft. 11/09/89	Water Level: Date Measured:	97.32 ft. 01/19/90		

GEOCHECK VERSION 2.1 FEDERAL DATABASE WELL INFORMATION

Well Closest to Target Property (Western Quadrant)

Single well, other than collector or Ranney type

BASIC WELL DATA

Site ID:

453227122414801

Distance from TP:

1/4 · 1/2 Mile

Site Type: Year Constructed:

1946

County:

Multnomah

Altitude: Well Depth: 32.00 ft. 395.00 ft. 32.00 ft.

State: Topographic Setting: Not Reported Prim. Use of Site:

Oregon Withdrawal of water

Depth to Water Table: Date Measured:

08011946

Prim. Use of Water: Industrial

LITHOLOGIC DATA

Not Reported

WATER LEVEL VARIABILITY

Not Reported

GEOCHECK VERSION 2.1 PUBLIC WATER SUPPLY SYSTEM INFORMATION

Searched by Nearest PWS.

PWS SUMMARY:

PWS ID:

OR4194069

PWS Status:

Active

Distance from TP: 1 - 2 Miles

Date Initiated:

Not Reported Date Deactiv
USFS ROSLAND CAMPGROUND

Date Deactivated: Not Reported

Dir relative to TP: East

PWS Name:

BEND, OR 97701

Addressee / Facility:

Not Reported

Facility Latitude:

45 31 36 Not Reported Facility Longitude: 122 40 30

City Served: Treatment Class:

Untreated

Population Served: Under 101 Persons

PWS currently has or has had major violation(s): No

EPA Waste Codes Addendum

Code	Description				
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.				
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.				
D006	CADMIUM				
D007	CHROMIUM				
D008	LEAD				
D018	BENZENE				
D039	TETRACHLOROETHYLENE				
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM RECORDS:

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA/NTIS Telephone: 703-413-0223

CERCLIS: CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 08/01/97 Date Made Active at EDR: 11/28/97 Database Release Frequency: Quarterly Date of Data Arrival at EDR: 10/01/97 Elapsed ASTM days: 58 Date of Last EDR Contact: 01/05/98

ERNS: Emergency Response Notification System

Source: EPA/NTIS Telephone: 202-260-2342

ERNS: Emergency Response Notification System. ERNS records and stores information on reported releases of oil and

hazardous substances.

Date of Government Version: 06/01/97 Date Made Active at EDR: 10/09/97 Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 08/29/97 Elapsed ASTM days: 41 Date of Last EDR Contact: 12/01/97

NPL: National Priority List

Source: EPA

Telephone: 703-603-8852

NPL: National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC).

Date of Government Version: 09/25/97 Date Made Active at EDR: 11/28/97 Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 09/26/97 Elapsed ASTM days: 63 Date of Last EDR Contact: 01/02/98

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS Telephone: 800-424-9346

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 07/01/97 Date Made Active at EDR: 11/28/97 Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 09/13/97 Elapsed ASTM days: 76

Date of Last EDR Contact: 11/03/97

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS: CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 10/01/97 Date Made Active at EDR: 12/05/97

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/06/97 Elapsed ASTM days: 29

Date of Last EDR Contact: 01/05/98

FEDERAL NON-ASTM RECORDS:

BRS: Biennial Reporting System

Source: EPA/NTIS Telephone: 800-424-9346

BRS: The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/95

Database Release Frequency: Biennially

Date of Last EDR Contact: 12/22/97

Date of Next Scheduled EDR Contact: 03/23/98

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

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Date of Government Version: Varies Database Release Frequency: Varies

Date of Last EDR Contact: Varies

Date of Next Scheduled EDR Contact: N/A

FINDS: Facility Index System Source: EPA/NTIS Telephone: 703-908-2493

FINDS: Facility Index System. FINDS contains both facility information and "pointers" to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/01/97 Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/29/97
Date of Next Scheduled EDR Contact: 01/05/98

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4526

HMIRS: Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/96
Database Release Frequency: Annually

Date of Last EDR Contact: 10/27/97
Date of Next Scheduled EDR Contact: 01/26/98

MLTS: Material Licensing Tracking System Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/28/97 Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/12/98
Date of Next Scheduled EDR Contact: 04/13/98

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 205-564-4267

NPL LIENS: Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/24/97

Date of Next Scheduled EDR Contact: 02/23/98

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-260-3936

PADS: PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers

of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/27/97

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/17/97

Date of Next Scheduled EDR Contact: 02/16/98

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RAATS: RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/15/97

Date of Next Scheduled EDR Contact: 03/16/98

ROD: Records Of Decision

Source: NTIS

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and

health information to aid in the cleanup.

Date of Government Version: 03/31/95

Database Release Frequency: Annually

Date of Last EDR Contact: 12/12/97

Date of Next Scheduled EDR Contact: 03/02/98

TRIS: Toxic Chemical Release Inventory System

Source: EPA/NTIS Telephone: 202-260-1531

TRIS: Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land

in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/95

Database Release Frequency: Annually

Date of Last EDR Contact; 12/23/97

Date of Next Scheduled EDR Contact: 03/30/98

TSCA: Toxic Substances Control Act

Source: EPA/NTIS

Telephone: 202-260-1444

TSCA: Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant

site. USEPA has no current plan to update and/or re-issue this database.

Date of Government Version: 01/31/95

Database Release Frequency: Annually

Date of Last EDR Contact: 12/15/97

Date of Next Scheduled EDR Contact: 03/16/98

STATE OF OREGON ASTM RECORDS:

ECSI: Environmental Cleanup Site Information System Source: Department of Environmental Quality

Telephone: 503-229-6343

ECSI: The database contains information about sites in Oregon that may be of environmental interest.

Date of Government Version: 09/01/97
Date Made Active at EDR: 12/11/97

Database Release Frequency; Quarterly

Date of Data Arrival at EDR: 09/19/97

Elapsed ASTM days: 83

Date of Last EDR Contact: 12/01/97

LUST: LUST Database List

Source: Department of Environmental Quality

Telephone: 503-229-5790

LUST: Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 10/01/97 Date Made Active at EDR: 11/28/97

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 11/03/97

Elapsed ASTM days: 25

Date of Last EDR Contact: 10/30/97

LF: Closure & Regular Solid Waste Active Disposal Permits

Source: Department of Environmental Quality

Telephone: 503-229-6299

SWF/LF: Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/30/97 Date Made Active at EDR: 12/15/97

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/17/97

Elapsed ASTM days: 28

Date of Last EDR Contact: 11/10/97

UST: UST List on Disk

Source: Department of Environmental Quality

Telephone: 503-229-5815

UST: Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 07/10/97 Date Made Active at EDR: 09/08/97 Database Release Frequency: Quarterly Date of Data Arrival at EDR: 07/22/97

Elapsed ASTM days: 48

Date of Last EDR Contact: 10/30/97

STATE OF OREGON NON-ASTM RECORDS:

CRL: Confirmed Release List and Inventory
Source: Department of Environmental Quality

Telephone: 503-229-6170

CRL: Sites that are or may be contaminated and may require cleanup.

Date of Government Version: 11/07/97 Database Release Frequency: Quarterly Date of Last EDR Contact: 11/14/97

Date of Next Scheduled EDR Contact: 02/09/98

HAZMAT: Hazmat/Incidents

Source: State Fire Marshal's Office

Telephone: 503-373-1540

Date of Government Version: 06/30/97 Database Release Frequency: Semi-Annually Date of Last EDR Contact: 12/01/97

Date of Next Scheduled EDR Contact: 03/02/98

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PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SWDIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

Area Radon Information: The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1996 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Water Dams: National Inventory of Dams

Source: Federal Emergency Management Agency

Telephone: 202-646-2801

WATER DAMS: National computer database of more than 74,000 dams maintained by the Federal Emergency Management

Agency.

Oregon Digitized Wells

Source: Department of Water Resources

Telephone: 503-378-8455